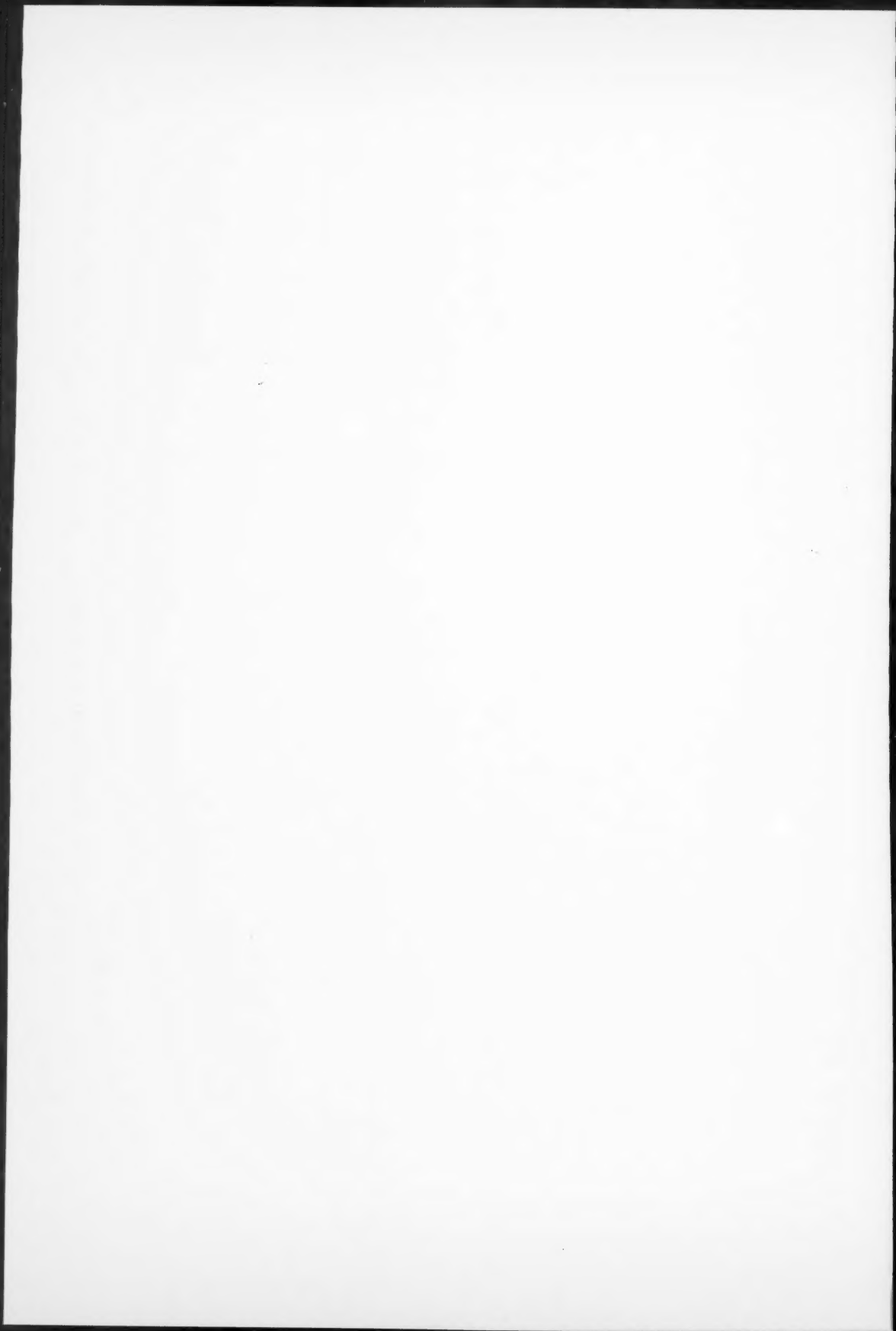


**AMERICAN JOURNAL
OF
PHARMACEUTICAL EDUCATION**

**INDEX TO AUTHORS
INDEX TO SUBJECTS AND TITLES**

**VOLUMES 21 THROUGH 30
1957-1966**

(excepting the December, 1966, issue—the proceedings of the 1966 teachers' seminar—which is indexed separately)



INDEX TO AUTHORS

A

- Abrams, Robert E.**
Pharmacy Administration—A Means for Professional Survival, **21**, 435, 1957.
- Adams, John G.**
The Paradox of Intellectual Excellence, **28**, 1, 1964.
Report of the Committee on Curriculum, **22**, 290, 1958; **24**, 353, 1960.
Report of the Delegate to the American Pharmaceutical Association House of Delegates Meeting, **24**, 214, 1960; **25**, 136, 1961; **26**, 93, 1962; **27**, 112, 592, 1963.
Transformation of Pharmacy into Pharmacology, **28**, 663, 1964.
- Adams, W. H.**
The Hospital—A Pharmacology Laboratory for Pharmacy Students, **28**, 216, 1964.
- Ahlquist, R. P.**
New Ideas in Autonomic Pharmacology, **28**, 708, 1964.
- Albers, C. C.**
The Simple Lipids: Introduction (Faculty Forum), **30**, 255, 1966.
- Allen, Ernest M.**
The Next Decade of Support for Medical Research, **25**, 211, 1961.
- Andrako, John**
An Approach to Graduate Training in Pharmaceutical Chemistry, **28**, 175, 1964.
- Andreson, Clark A.**
Memorial to W.A. Pearson, **23**, 470, 1959.
Memorial to K.E. Spoerk, **30**, 164, 1966.
Memorial to W.C. Sunkes, **30**, 163, 1966.
- anon.**
Memorial to Philip Blank, **27**, 495, 1963.
Memorial to Francis Downing, **29**, 460, 1965.
Memorial to M.S. Dunn, **28**, 449, 1964.
Memorial to W.F. Gidley, **29**, 461, 1965.
Memorial to J.D. Matthes, **27**, 333, 1963.
Memorial to W.R. Neville, Jr., **27**, 168, 1963.
Memorial to G.F. Reddish, **26**, 406, 1962.
Memorial to J.A. Reese, **29**, 160, 1965.
Memorial to L.R. Stezzi, **25**, 604, 1961.
Tribute to R.L. Swain, **28**, 281, 1964.
- Ansel, Howard C.**
Pharmaceutical Calculations with Vision, **27**, 235, 1963.
Prescription Drug Advertisements: A Vast Wasteland?, **30**, 223, 1966.

- Apple, William S.**
Pharmacy's Neglected Challenge, **25**, 517, 1961.
Some Missing Links in Pharmaceutical Education, **25**, 222, 1961.
The Wall Between Professional Practice and Pharmacy Education, **27**, 537, 1963.
- Araujo, Oscar E.**
Is Uniformity of Curricula Necessary?, **29**, 545, 1965.
- Archambault, André**
Pharmaceutical Education: A Dual Challenge, **29**, 235, 1965.
The Undergraduate Teaching of Pharmaceutical Chemistry in France, **29**, 693, 1965.
- Archambault, George F.**
Res ipsa loquitur, **28**, 341, 1964.
- Autian, John**
Concepts of Drug Evaluation in the Dispensing Course of the Future, **24**, 299, 1960.
A Proposed New Role for State Pharmacy Boards (Faculty Forum), **27**, 301, 1963.
Teaching Machines and Pharmacy, **25**, 546, 1961.
- Avis, Kenneth E.**
Guidelines for Developing a Course of Instruction in Parenterals (Faculty Forum), **27**, 129, 1963.
The Organization of Didactic Material and Laboratory Instruction for the Undergraduate Course in Manufacturing Pharmacy, Parenteral Products, **23**, 526, 1959.
- B**
- Babbidge, Homer D., Jr.**
Remarks to the Sixteenth Annual Teachers' Seminar of the American Association of Colleges of Pharmacy, **28**, 662, 1964.
- Bachmann, R. O.**
Report of the Committee on Constitution and Bylaws, **30**, 352, 1966.
- Bailey, Harold E.**
Memorial to F. T. Bradt, **25**, 171, 1961.
- Baldwin, DeWitt C.**
Ethics and Integrity in Higher Education, **27**, 41, 1963.
- Bang, Haakon**
The Study of the Break-even Point in the Teaching of Pharmacy Administration, **26**, 516, 1962.
- Barr, Martin**
Experiences with a Continuing Education Series in Pharmacy of Medicinals, **29**, 78, 1965.
- Keeping Up to Date: Responsibility of the Professor, **24**, 447, 1960.
Report of the Committee on Future Enrollment Problems, **30**, 363, 1966.
- Barthwell, Jack C., Jr.**
A Proposal for Hospital Pharmacy Specialization at the Undergraduate Level, **27**, 422, 1963.
- Bartilucci, Andrew J.**
Report of the Committee on Future Enrollment Problems, **29**, 406, 1965.
Report of the Delegates to the American Association for the Advancement of Science, **25**, 310, 1961.
St. John's University College of Pharmacy, **25**, 207, 1961.
- Barton, Beverly A.**
Memorial to W. H. Rivard, **21**, 168, 1957.
- Beal, George D.**
Lloyds of Cincinnati, **23**, 202, 1959.
- Beamer, Robert L.**
Should We Teach More Biochemistry? (Faculty Forum), **26**, 228, 1962.
- Beckel, W. E.**
Some Aspects of Teaching Aids, **29**, 774, 1965.
- Beckett, A. H.**
The Warp and Woof of Pharmaceutical Chemistry and Pharmacognosy, **26**, 486, 1962.
- Belcastro, Patrick F.**
Graduate Training in Literature Searching Techniques, **23**, 518, 1959.
Report of the Joint Committee on Pharmacy College Libraries, **26**, 313, 1962; **27**, 565, 1963.
- Belleau, B.**
Drug-Receptor Interactions, **29**, 758, 1965.
- Benezet, Louis T.**
The Making of a Professional, **24**, 403, 1960.
- Benson, John B.**
Pharmacy and Continuing Education, **23**, 7, 1959.
- Benton, Byrl E.**
Memorial to I.W. Myers, **21**, 306, 1957.
- Bergen, John V.**
Memorial to E.O. Leonard, **29**, 159, 1965.
Memorial to Gail Stapleton, **30**, 165, 1966.
Report of the Committee on Resolutions, **30**, 357, 1966.
- Berman, Alex**
Concepts of Drug Evaluation in the Dispensing Course of the Future, **24**, 299, 1960.
Some Notes on Teaching History of Pharmacy in the Extended Curricula, **24**, 282, 1960.

- Bester, John F.**
Student Performance in Summer Programs, **29**, 44, 1965.
- Beyer, Karl H., Jr.**
My Criteria for Acceptable Research in Pharmacology, **28**, 777, 1964.
- Bhatia, V. N.**
Can Pharmacy Participate in an Honors Program?, **24**, 328, 1960.
The Place of Manufacturing Pharmacy Courses in the Pharmacy Curriculum, **21**, 96, 1957.
A Proposed New Role for State Pharmacy Boards (Faculty Forum), **27**, 309, 1963.
- Bianculli, Joseph A.**
Memorial to C.L. O'Connell, **23**, 294, 1959.
Memorial to E.C. Reif, **26**, 132, 1962.
- Bienfang, Ralph**
Pharm Lit: A Report, **26**, 481, 1962.
- Biles, John A.**
Motivate the Talented Early, **28**, 229, 1964.
Planning Course Content to Achieve the Objectives in the Course in Physical Pharmacy (Part of a Panel: Teaching of Physical Pharmacy at the Undergraduate Level), **21**, 367, 1957.
Report of the Committee on Public Health and Civil Defense, **24**, 40, 1960.
The Role of the Pharmacist in Civil Defense, **25**, 106, 1961.
- Blauch, Lloyd E.**
Value of Foundations to Pharmaceutical Education, **22**, 139, 1958.
- Blaug, Seymour M.**
Memorial to J.W. Jones, **28**, 129, 1964.
Orientation of Medical Students to Pharmacy, **25**, 251, 1961.
State University of Iowa College of Pharmacy, **28**, 307, 1964.
- Bliven, Charles W.**
Address of the President, **25**, 15, 1961.
Address of the Vice President, **24**, 9, 1960.
The Design and Purpose of the Teachers' Seminars, **25**, 568, 1961.
Greetings from the American Association of Colleges of Pharmacy, **24**, 395, 1960.
Minutes of the Annual Meeting, Executive Committee, American Association of Colleges of Pharmacy, **25**, 432, 1961; **26**, 345, 1962; **27**, 596, 1963; **28**, 565, 1964; **29**, 422, 1965; **30**, 389, 1966.
Minutes of the Interim Meeting, Executive Committee, American Association of Colleges of Pharmacy, **25**, 141, 1961; **26**, 101, 1962; **27**, 141, 1963; **28**, 253, 1964; **29**, 312, 1965; **30**, 141, 1966.
Minutes of the Post-Session Meeting, Executive Committee, American Association of Colleges of Pharmacy, **25**, 440, 1961; **26**, 358, 1962; **27**, 608, 1963; **28**, 575, 1964; **29**, 428, 1965; **30**, 399, 1966.
Minutes of Special Meeting, Executive Committee, American Association of Colleges of Pharmacy, **24**, 530, 1960.
The New Pattern (President's Section), **23**, 607, 1959.
In Perspective (President's Section), **24**, 225, 1960.
Report of the Alternate Delegate to the American Pharmaceutical Association Interim Meeting, **21**, 156, 1957.
Report of the Committee on Resolutions, **22**, 303, 1958.
Report of Degrees Conferred by Schools and Colleges of Pharmacy for the Academic Year 1963-1964, **29**, 83, 1965.
Report of Degrees Conferred by Schools and Colleges of Pharmacy for the Academic Year 1964-1965, **30**, 62, 1966.
Report of the Delegate to the A.Ph.A. House of Delegates Annual Meeting, **22**, 517, 1958.
Report of the Delegate to the A.Ph.A. House of Delegates Interim Meeting, **22**, 336, 1958; **23**, 282, 1959.
Report of the Directors to the American Foundation for Pharmaceutical Education, **25**, 421, 1961; **26**, 219, 1962; **27**, 296, 1963; **28**, 560, 1964; **29**, 416, 1965; **30**, 380, 1966.
Report of the Executive Secretary-Treasurer, **26**, 291, 1962; **27**, 543, 1963; **28**, 495, 1964; **29**, 377, 1965; **30**, 336, 1966.
Report of the Representatives to the National Drug Trade Conference, **26**, 217, 1962.
Report of the Secretary-Treasurer, **25**, 375, 1961.
Summary of the Seminar and Recommendations for the Future, **24**, 517, 1960.
Summary of the Sixty-first (1960) Annual Meeting, **25**, 139, 1961.
Summary of the Sixty-second (1961) Annual Meeting, **25**, 431, 1961.
Summary of the Sixty-third (1962) Annual Meeting, **26**, 343, 1962.
Summary of the Sixty-fourth (1963) Annual Meeting, **27**, 594, 1963.
Summary of the Sixty-fifth (1964) Annual Meeting, **28**, 563, 1964.
Summary of the Sixty-sixth (1965) Annual Meeting, **29**, 420, 1965.
Summary of the Sixty-seventh (1966) Annual Meeting, **30**, 386, 1966.

- Block, John H.**
The Study of the Break-even Point in the Teaching of Pharmacy Administration, **26**, 516, 1962.
- Blockstein, William L.**
A Community College Visitation Program, **27**, 262, 1963.
The Constant Challenge of Change, **30**, 58, 1966.
A Graduate Program in Pharmaceutical Extension, **30**, 473, 1966.
Identifying and Motivating the Talented, **29**, 567, 1965.
Memorial to Stephen Wilson, **28**, 130, 1964.
A Proposal for Hospital Pharmacy Specialization at the Undergraduate Level, **27**, 422, 1963.
- Blythe, Rudolph H.**
Advanced Education for Pharmaceutical Research, **25**, 564, 1961.
The Demand for Pharmacy Trained Ph.D.'s in Industry (Part of a Symposium: Supply and Demand of Ph.D. Pharmacists), **21**, 354, 1957.
- Bodin, Jerome I.**
The Purpose of the Laboratory in Pharmaceutical Education, **26**, 520, 1962.
- Bone, Jack N.**
Visiting Baghdad as a Lecturer in Pharmacy (Faculty Forum), **28**, 413, 1964.
- Bope, Frank W.**
Memorial to C. M. Brown, **25**, 479, 1961.
- Borke, Mitchell L.**
Should We Teach More Biochemistry? (Faculty Forum), **26**, 230, 1962.
- Bowers, Roy A.**
Address of the President, **28**, 480, 1964.
Address of the Vice President, **27**, 531, 1963.
Administering the AACP's Oath for Pharmacy Graduates (President's Section), **28**, 269, 1964.
Greetings from the American Association of Colleges of Pharmacy, **28**, 656, 1964.
Liberating Influences of a University Education (President's Section), **27**, 481, 1963.
National Drug Trade Conference (President's Section), **27**, 614, 1963.
Postgraduate Education, **23**, 1, 1959.
Programing District Meetings (President's Section), **28**, 117, 1964.
Report of the Committee on Constitution and Bylaws, **26**, 310, 1962.
Report of the Committee on Continuation Studies, **21**, 265, 1957.
Report of the Representative to the National Association of Retail Druggists, **27**, 114, 1963.
- Report of the Representatives to the NDTC, **21**, 271, 1957; **22**, 336, 1958.
Report of the Task Force on Annual Meetings, **29**, 414, 1965; **30**, 376, 1966.
- Bousquet, William F.**
Guidelines for Developing a Course of Instruction in Bionucleonics (Faculty Forum), **27**, 125, 1963.
- Brady, Edward S.**
The Pharmaceutical Caravan: A Means of Postgraduate Education, **23**, 11, 1959.
Pharmaceutical Chemistry and the Seminar for Practicing Pharmacists: A Problem in Communication, **22**, 454, 1958.
The Six-year Program: The First Decade, **26**, 62, 1962.
- Brady, Lynn R.**
The Background of the Undergraduate Student Necessary to Achieve Depth in Pharmacognosy, **24**, 442, 1960.
How the American Society of Pharmacognosy is Aiding Pharmaceutical Education (Faculty Forum), **26**, 532, 1962.
The Position and Scope of Biosynthesis in Undergraduate Pharmacognosy, **28**, 49, 1964.
- Braucher, Charles L.**
Academic Factors Related to Success in Community Pharmacy Management, **28**, 56, 1964.
Continuing Education in Pharmacy at Georgia, **23**, 19, 1959.
Human Relations as a Course in the Pharmacy Curriculum, **29**, 63, 1965.
- Brecht, E. A.**
Graduate Enrollment Data, September, 1960 and Graduate Study in Member Colleges, 1961-1962, **25**, 132, 1961.
Graduate Enrollment Data, September, 1961 and Graduate Study in Member Colleges, 1962-1963, **26**, 89, 1962.
Graduate Enrollment Data, September, 1962 and Graduate Study in Member Colleges, 1963-1964, **27**, 108, 1963.
Memorial to Sigurdur Jonsson, **24**, 539, 1960.
Report of the Committee on Graduate Programs, **25**, 412, 1961; **26**, 327, 1962; **27**, 580, 1963.
The University of North Carolina School of Pharmacy, **24**, 139, 1960.
- Briggs, W. Paul**
Annual Report of the Secretary and Executive Director of the American Foundation for Pharmaceutical Education, **21**, 274, 1957; **22**, 339, 1958.
Constants and Variables in the Pharmaceutical Outlook, **21**, 338, 1957.

Cumulative Index, Volumes 21-30, 1957-1966

- Greetings from the American Foundation for Pharmaceutical Education, **24**, 397, 1960; **28**, 654, 1964; **29**, 659, 1965.
- Bristol, Lee H., Jr.**
The Application of Group Thinking Techniques to the Problems of Pharmaceutical Education, **22**, 143, 1958.
- Brochmann-Hanssen, Einar**
Pharmaceutical Analysis in the Professional Curriculum, **29**, 538, 1965.
Pharmaceutical Education in Norway, **22**, 9, 1958.
- Brodie, Donald C.**
Pharmaceutical Education for Tomorrow's Society, **30**, 317, 1966.
- Brown, Earl T.**
Pharmaceutical Education in Ethiopia (Faculty Forum), **28**, 420, 1964.
- Brown, V. Jean**
Improving the Pharmacy Curricula by Restructuring of Laboratory Periods, **24**, 174, 1960.
A Preparatory Lecture for an Introductory Course in Cosmetic Technology (Faculty Forum), **29**, 583, 1965.
The Year of Apprenticeship: Its Use and Misuse, **26**, 39, 1962.
- Brusch, Charles A.**
A Practical, Inexpensive Gas Chromatograph, **28**, 194, 1964.
- Bryan, Gordon H.**
A Report on Fifth Year Students as "Consultants in Drugs," **23**, 264, 1959.
- Buatti, Anthony T.**
Development of a Program to Stimulate Interest in Pharmaceutical Marketing and Management, **21**, 416, 1957.
- Buckley, Joseph P.**
How I Keep Up to Date in My Specialty—Pharmacology, **24**, 472, 1960.
- Bukowiecki, Henry**
Pharmaceutical Education in Poland, **22**, 38, 1958.
- Bunnell, Kevin P.**
Liberal Education and American Pharmacy, **23**, 37, 1959.
Liberal Education and American Pharmacy, A Bibliography, **23**, 59, 1959.
- Burghalter, J. H.**
A Curriculum for the B.S. Degree in Medicinal Chemistry, **28**, 190, 1964.
Doctoral and Postdoctoral Study in Germany, **22**, 18, 1958.
Graduate Training in Synthetic Pharmaceutical Chemistry—A Restatement of an Opinion on the Subject, **22**, 445, 1958.
- How I Keep Up to Date in Organic Pharmaceutical Chemistry, **24**, 481, 1960.
The Pharmaceutical Chemistry Curriculum in a Pharmaceutical Science Program (Four Year), **29**, 688, 1965.
- Burlage, Henry M.**
Address of the President, **25**, 363, 1961.
Address of the Vice President, **25**, 21, 1961.
Adventures in Course and Curriculum Building. I. Visiting Lecturer Series, **24**, 170, 1960.
Anniversary Greeting to our Journal, **25**, 12, 1961.
Continuity in Organization on the Way (President's Section), **24**, 532, 1960.
A Five Year Grade Study of Pharmacy Students in the Courses Pharmaceutical Calculations and Introductory Pharmacy, **22**, 193, 1958.
Motivating Influences to the Study of Pharmacy, **27**, 75, 1963.
What is Happening? We Need an Answer! (President's Section), **25**, 151, 1961.
- Burns, William J.**
Scientific Exhibits at A.Ph.A. Annual Meetings, **26**, 530, 1962.
- Burt, Joseph B.**
Lyman Hall, **24**, 143, 1960.
Memorial to R.A. Lyman, **22**, 100, 1958.
Report of the Committee on Constitution and Bylaws, **24**, 28, 1960.
- Bush, Kenneth H.**
Trends in Biological Education, **29**, 1, 1965.
- Busse, Louis W.**
General Educational Values in the Pharmacy Curriculum, **24**, 409, 1960.
Graduate Education in Pharmaceutical Technology, **23**, 321, 1959.
Qualities and Background of Pharmaceutical Chemistry Staff, **29**, 767, 1965.
Some Consideration of the Effect of the Extended Curriculum on Graduate Study in Schools of Pharmacy, **23**, 509, 1959.
- Byrne, James W.**
Scientific Method and Human Existence, **28**, 13, 1964.
- Byrum, W. R.**
The Hospital—A Pharmacology Laboratory for Pharmacy Students, **28**, 216, 1964.
- C**
- Campbell, Norman A.**
A Look at Marketing in the Pharmacy Curriculum, **29**, 231, 1965.

- Carew, David**
Report of the Committee on Undergraduate Research Awards, **30**, 360, 1966.
State University of Iowa College of Pharmacy, **28**, 307, 1964.
- Carlin, Herbert S.**
Report of the Joint Committee on Hospital Pharmacy, **29**, 409, 1965.
- Cataline, Elmon L.**
Report of the Committee on Resolutions, **29**, 401, 1965.
- Ceresia, George B.**
A Practical, Inexpensive Gas Chromatograph, **28**, 194, 1964.
- Chavkin, Leonard T.**
Requirements for Success in Pharmaceutical Sales and Research, **27**, 213, 1963.
- Childs, Richard F.**
College Education for a Changing Profession, **29**, 181, 1965.
A Low-cost Tablet Disintegration Apparatus for the Undergraduate Pharmaceutical Preparations Laboratory, **23**, 418, 1959.
Pharmacy Recruitment of the Young Scientist, **24**, 156, 1960.
Solid Dosage Forms: Capsules (Faculty Forum), **29**, 119, 1965.
- Childs, Virginia H.**
College Education for a Changing Profession, **29**, 181, 1965.
Pharmacy Recruitment of the Young Scientist, **24**, 156, 1960.
- Christian, J. E.**
Academic Preparation for Graduate Study in the Five Year Professional Pharmacy Curriculum, **23**, 367, 1959.
Report of the Committee on Graduate Programs, **21**, 247, 1957; **22**, 312, 1958.
- Clark, Ralph W.**
Report of the Committee on Relationships of Boards and Colleges of Pharmacy, **24**, 33, 1960.
- Claus, Edward P.**
Address of the Vice President: Escalating Educational Effectiveness, **30**, 311, 1966.
Does the Left Hand Know What the Right Hand is Doing? (President's Section), **30**, 404, 1966.
The Dropout (President's Section), **30**, 267, 1966.
How is Depth Developed?, **24**, 437, 1960.
A Pharmacognocist's Contribution to the Field of Allergy, **23**, 259, 1959.
Professional Attitude (President's Section), **30**, 503, 1966.
- A Public Relations Program for Pharmacognosy, **23**, 557, 1959.
Report of the Committee on Resolutions, **24**, 34, 1960.
Report of the Secretary-Treasurer of the AACP Conference of Teachers, **21**, 439, 1957.
- Cohen, Jordan L.**
Student Experiments in Pharmaceutical Analysis. V. Kjeldahl Determination of Nitrogen without Distillation, **29**, 245, 1965.
- Coker, Samuel T.**
Memorial to L.S. Blake, **24**, 113, 1960.
Report of the Committee on Public Health and Civil Defense, **28**, 548, 1964; **29**, 409, 1965.
- Cole, Jack R.**
A Low-cost Tablet Disintegration Apparatus for the Undergraduate Pharmaceutical Preparations Laboratory, **23**, 418, 1959.
- Coleman, Russell D.**
Human Anatomy in the Pharmacy Curriculum, **24**, 291, 1960.
- Colaizzi, J. L.**
A Laboratory Experiment for Physical Pharmacy: The Equilibrium Properties of a Reaction, **30**, 187, 1966.
- Connors, Kenneth A.**
A Graduate Course in Pharmaceutical Research Techniques at the University of Wisconsin, **24**, 191, 1960.
Student Experiments in Pharmaceutical Analysis. I. Separation of Aspirin, Acetophenetidin, and Caffeine by Thin-layer Chromatography, **28**, 161, 1964; II. Non-aqueous Titration of Bases, **28**, 168, 1964; III. Quantitative Analysis of Aminopyrine and Antipyrine by Column Partition Chromatography, **28**, 384, 1964; IV. Colorimetric Analysis of Aromatic Amines by Diazotization and Coupling, **29**, 29, 1965; V. Kjeldahl Determination of Nitrogen without Distillation, **29**, 245, 1965; VI. Determination of Ephedrine and Phenobarbital by Liquid-Liquid Extraction, **29**, 500, 1965; VII. A Simple Apparatus for the Demonstration of Countercurrent Distribution, **29**, 509, 1965.
- Coolidge, Lawrence D.**
Education for Depth, **24**, 420, 1960.
- Cooper, Ben F.**
How to Keep Up to Date in Pharmacy, **24**, 476, 1960.
The Preparations Laboratory, **26**, 527, 1962.

Cooper, Chauncey I.

Report of the Committee on Public Health and Civil Defense, **25**, 65, 1961.

Cooper, Shirley

Public Health in the Pharmaceutical Curriculum, **24**, 304, 1960.

Core, Alfred C.

Should We Teach More Biochemistry? (Faculty Forum), **27**, 231, 1962.

Cosgrove, F. P.

Should All Graduate Students Take a Core of Graduate Courses?, **23**, 514, 1959.

Costello, P. H.

Report of the Secretary of the American Council on Pharmaceutical Education, Inc., **21**, 215, 1957; **22**, 285, 1958; **24**, 22, 1960; **25**, 31, 381, 1961.

Coutts, R. T.

The Undergraduate Teaching of Pharmaceutical Chemistry in Great Britain, **29**, 703, 1965.

Cowen, David L.

Ehrlich The Man, The Scientist, **26**, 4, 1962.

Pharmacy and Civilization, **22**, 70, 1958.

Crandall, J. Verne

Memorial to H.E. Melton, **22**, 247, 1958.

Crane, Frank A.

Introduction to the Carbohydrates (Faculty Forum), **29**, 294, 1965.

Cross, John M.

Report of the Delegate to the American Association for the Advancement of Science, **21**, 269, 1957; **22**, 235, 1958. Should Calculus and Physical Chemistry be Required in the Undergraduate Pharmacy Curriculum?, **25**, 580, 1961.

Crowder, Norman A.

In Regard to the Application of Programmed Learning to the Teaching of Pharmacology, **26**, 439, 1962.

Cuvier, Georges

Postgraduate Pharmaceutical Education in France, **23**, 28, 1959.

D

D'Amico, Louis A.

A Comparison of Mean 1963-64 Salaries of Certain Faculties, **29**, 240, 1965.

Daniels, Troy C.

Memorial to J.W. Millar, **21**, 169, 1957. Report of the Committee on Problems and Plans, **24**, 56, 1960.

Daoust, R. G.

Teaching Machines and Programmed Learning, **29**, 284, 1965.

Dargavel, John W.

Pharmacy and the Onrush of Change, **25**, 521, 1961.

Davidson, Carter

Federal Aid to Education, **21**, 327, 1957.

Deardorff, Dwight L.

The Organization of Didactic Material and Laboratory Instruction for the Undergraduate Course in Manufacturing Pharmacy: Liquids, Semi-liquids, and Solids, **23**, 535, 1959.

Report of the Delegate to the American Association for the Advancement of Science, **24**, 356, 1960.

A Research and Manufacturing Pharmacy Laboratory, **21**, 90, 1957.

Deno, Richard A.

An Educator's Extracurricular Obligations Involving Standard Tests, **23**, 371, 1959. Graduate Study in Member Colleges for 1957-1958 and Graduate Enrollment, September 1956, **21**, 42, 1957.

Graduate Enrollment Data, September 1957 and Graduate Study in Member Colleges for 1958-1959, **22**, 233, 1958.

Guide for Association Officers, Committees, and Representatives, **26**, 380, 1962. Pharmaceutical Education in Costa Rica, **25**, 275, 1961.

Report of the 1960 Committee on Committees, **25**, 102, 1961.

Report of the Committee on Curriculum, **26**, 311, 1962; **27**, 562, 1963; **28**, 518, 1964.

Report of the Committee on Recruitment Aids, **21**, 260, 1957; **22**, 326, 1958.

Report of the Representative to the National Association of Retail Druggists, **21**, 45, 1957.

Report of the Special Committee on Internship Training, **29**, 413, 1965.

Teaching Professional Orientation, **24**, 265, 1960.

The University of Michigan Pharmacy Research Building, **25**, 203, 1961.

Der Marderosian, Ara

Poisonous Plants in and Around the Home (Faculty Forum), **30**, 115, 1966.

DiGangi, Frank E.

Teaching Beginning Quantitative Pharmaceutical Analysis in the Sixties (Faculty Forum), **28**, 233, 1964.

Discher, Clarence A.

Pharmaceutical Analysis and Inorganic Pharmaceutical Chemistry at Rutgers—A Combined Course, **29**, 489, 1965.

Dodge, A. A.

Memorial to H. M. Faser, **24**, 240, 1960.

Doerr, Dale W.

A Lecture in Pharmaceutical Law: You're Liable to be Liable (Faculty Forum), **29**, 590, 1965.

Donaldson, A. W.

The Scholarship and Loan Programs of the Health Professions Educational Assistance Act, **30**, 457, 1966.

Downie, N. M.

Testing in Higher Education, **27**, 61, 1963.

Doyle, Paul A.

The Growing Threat to Professionalism, **23**, 415, 1959.

Duff, J. G.

Greetings from the Canadian Conference of Pharmaceutical Faculties, **29**, 663, 1965.

Dusenberry, James E.

Pharmacognosy Trends, **22**, 412, 1958.

E

Ebel, Robert L.

Some Issues in College Admissions, **27**, 8, 1963.

Ecanow, Bernard

Classical Semisolid Pharmaceuticals and Rheology. A Note, **28**, 411, 1964.

Physical Pharmacy Redefined, **21**, 134, 1957.

Some Quantitative and Qualitative Aspects of Physical Pharmacy, **24**, 202, 1960.

Eisenbrandt, L. L.

Report of the Committee on Relationships of Boards and Colleges of Pharmacy, **25**, 53, 1961.

Ellsworth, Ralph E.

Function of the Library and Librarian, **24**, 459, 1960.

Eriksen, Stuart P.

Chromatography and the Binomial Equation, **29**, 518, 1965.

A Fundamental Approach to the Teaching of Physical Pharmacy, **28**, 38, 1964.

Student Experiments in Pharmaceutical Analysis. I. Separation of Aspirin-Acetophenetidin, and Caffeine by Thin-layer Chromatography, **28**, 161, 1964; VII. A Simple Apparatus for the Demonstration of Countercurrent Distribution, **29**, 509, 1965.

Is the Undergraduate Curriculum a Suitable Foundation for Graduate Study in Pharmacy, **29**, 549, 1965.

Evans, John M.

New Laboratory Exercises, Procedures, or Methods in Pharmacy (Faculty Forum), **27**, 465, 1963.

Evanson, Robert V.

Academic Factors Related to Success in Community Pharmacy Management, **28**, 56, 1964.

An Analysis of the Economic Advantages of Education vs. Industry in Pharmacy, **26**, 24, 1962.

The Case Method in Pharmacy Administration, **23**, 582, 1959.

Content of Examinations (Part of a Panel: Examining Students in Courses in Pharmacy Administration), **21**, 405, 1957.

Continuing Education in Pharmacy: Motivation and Content, **28**, 393, 1964.

Determining the Role of the Community Pharmacist, **29**, 274, 1965.

An Evaluation of Available Case Material, **25**, 254, 1961.

How Can We Train for Industry?, **22**, 210, 1958.

Management and Merchandising, **22**, 486, 1958.

Organization and Expansion of Instruction in Pharmacy Administration, **30**, 478, 1966.

Panel: Curriculum and Syllabi for Courses in Pharmacy Administration—Five Year Program, Introduction, **22**, 471, 1958; Conclusion, **22**, 501, 1958.

Pharmacy Administration at the Graduate Level, **21**, 152, 1957.

F

Faber, Jan S.

Pharmaceutical Education in the Netherlands, **22**, 34, 1958.

Fairbairn, J. W.

Pharmaceutical Education in Great Britain—A Comparative Study, **22**, 1, 1958.

Farnsworth, Norman R.

How the American Society of Pharmacognosy is Aiding Pharmaceutical Education (Faculty Forum), **26**, 534, 1962.

Faust, Richard E.

The Status and Potential of the Course in Cosmetic Science, **24**, 332, 1960.

Fay, J. T., Jr.

Memorial to H.C. Newton, **28**, 279, 1964.

Memorial to Heber Youngken, Sr., **27**, 643, 1963.

Feldmann, Edward G.

Technical Writing, **28**, 769, 1964.

Use of the Official Compendia, and Particularly the National Formulary, in the Pharmacy School Curriculum, **27**, 193, 1963.

Felmeister, Alvin

A Student Experiment in Physical Pharmacy: Effect of pH on the Partition Coefficient of a Slightly Soluble Weak Acid, **30**, 192, 1966.

Fenney, Nicholas W.

The Use of Audio Equipment in the Dispensing Laboratory at the University of Connecticut, **27**, 463, 1963.

Ferguson, N. M.

Animal Health Pharmacy, **24**, 314, 1960.

Ferguson, W. Eugene

The Revolution in School Mathematics, **29**, 14, 1965.

Feurt, Seldon D.

Report of the Committee on Future Enrollment Problems, **27**, 579, 1963; **28**, 532, 1964.

Report of the Joint Committee on Hospital Pharmacy, **30**, 365, 1966.

Finelli, Carole M.

The Application of Programmed Learning Techniques to Selected Material in a Professional Curriculum, **26**, 190, 1962.

Foot, Perry A.

Address of the President, **27**, 525, 1963.
Address of the Vice President, **26**, 286, 1962.

A Cooperative Training Program for Superior High School Science Students, **26**, 197, 1962.

Gleanings from the Teachers' Seminar on Pharmacy Administration (President's Section), **26**, 538, 1962.

On Recruiting (President's Section), **27**, 319, 1963.

Pharmaceutical Education in the "New Frontier" (President's Section), **26**, 362, 1962.

A Section of Teachers of Continuation Studies (President's Section), **27**, 158, 1963.

Toward Loyal Alumni (President's Section), **26**, 236, 1962.

Forslund, Herman C.

Faculty Emphasis on Professionalism in State Associations (Faculty Forum), **28**, 104, 1964.

Foss, Noel E.

Dunning Hall, **25**, 201, 1961.

Report of the Committee on Civil Defense Education, **21**, 241, 1957.

Report of the Committee on Educational Policies, **25**, 393, 1961; **26**, 313, 1962.

Report of the Delegate to the American Association for the Advancement of Science, **24**, 66, 1960.

Francke, Don E.

Memorial to H.A.K. Whitney, **22**, 245, 1958.

Frank, Harvey P.

Memorial to E.F. Cook, **25**, 478, 1961.

Fritz, A. C.

Remarks of the President of the John W. Dargavel Foundation, **30**, 330, 1966.

G

Gable, Fred B.

Memorial to M.L. Leitch, **27**, 332, 1963.
Testing: A Critical Evaluation, **23**, 420, 1959.

Gale, Laurence E.

Report of the Committee on Relationships of Boards and Colleges of Pharmacy, **25**, 397, 1961; **26**, 314, 1962; **27**, 566, 1963.
Specific Ways to Update the Teaching of Pharmacology in the Extended Program, **26**, 507, 1962.

Galinsky, Alvin M.

A Proposed New Role for State Pharmacy Boards (Faculty Forum), **27**, 311, 1963.

Galloway, J. Earle

Memorial to E.O. Kagy, **25**, 330, 1961.

Gault, Frederick

Psychopharmacologic Testing, **28**, 780, 1964.

Gearien, J. E.

A Course in Drug Assaying by Functional Group Analysis, **22**, 467, 1958.

Foundation in Basic Chemistry for Pharmaceutical Chemistry, **29**, 716, 1965.

The Role of Courses in Pharmaceutical Chemistry in Preparing Students for Community Pharmacy and Graduate Education, **25**, 570, 1961.

Geddes, Leslie A.

An Electrical Caliper Myograph, **30**, 209, 1966.

Instrumentation for Pharmacodynamics, **28**, 788, 1964.

Geiler, Frederick L.

Memorial to J.L. Hayman, **27**, 640, 1963.

Gershenfeld, Louis

A Course in Biological Products, **24**, 285, 1960.

Gerraughty, Robert J.

Report of the Committee on Audio-Visual Education, **28**, 531, 1964; **29**, 405, 1965; **30**, 361, 1966.

Giarman, Nicholas J.

New Developments in Psychopharmacology, **28**, 700, 1964.

Gibaldi, Milo

A Student Experiment in Physical Pharmacy: Effect of pH on the Partition Coefficient of a Slightly Soluble Weak Acid, **30**, 192, 1966.

Gibson, Melvin R.

Editor C. Boyd Granberg: An Introduction, **24**, 393, 1960.

Editorials, **21**, 62, 158, 444, 1957; **22**, 92, 237, 369, 529, 1958; **23**, 108, 286, 461, 609, 1959; **24**, 228, 359, 533, 1960.

Memorial to R.A. Lyman, **22**, 102, 1958.

President Charles W. Bliven: A Biographical Sketch, **23**, 499, 1959.

President Henry M. Burlage: A Biographical Sketch, **24**, 389, 1960.

President Thomas D. Rowe: A Biographical Sketch, **21**, 87, 1957.

President Louis C. Zopf: A Biographical Sketch, **22**, 399, 1958.

Public Health in the Pharmacy Curriculum: A Syllabus, **30**, 9, 1966.

Report of the Committee on Curriculum, **29**, 396, 1965; **30**, 353, 1966.

Report of the Editor of the American Journal of Pharmaceutical Education, **21**, 218, 1957; **22**, 288, 1958; **24**, 25, 1960, **25**, 37, 1961.

What Constitutes Depth in Any Discipline? **24**, 435, 1960.

Gillespie, R. J.

Are Pharmacy Teachers Educating Pharmacy Students for Their Jobs? (Faculty Forum), **30**, 494, 1966.

Gittinger, Georgianna Simmons

A Selected Bibliography of Pharmacy in Latin America, **23**, 424, 1959.

Gjerstad, Gunnar

The Implementation of the Five-year Professional Curriculum, **25**, 296, 1961.

Gold, B. H.

Memorial to J.E. Davis, **22**, 373, 1958.

Goyan, Frank M.

A Course in Physical Measurements and Instrumentation, **23**, 544, 1959.

Physical Chemistry in Pharmaceutical Education, **22**, 457, 1958.

Grabowski, Bernard F.

Instrumental Requirements for an Adequate Course in Pharmaceutical Analysis, **29**, 533, 1965.

Granberg, C. Boyd

Editorials, **25**, 153, 325, 446, 595, 1961; **26**, 119, 238, 365, 540, 1962; **27**, 159, 321, 483, 616, 1963; **28**, 119, 271, 439, 584, 1964; **29**, 151, 325, 436, 607, 1965; **30**, 155, 271, 406, 505, 1966.

Field Trips as a Teaching Aid for Students in Freshman Pharmacy, **23**, 379, 1959.

From Quasqueton to Villisca, **25**, 7, 1961. Manufacturing Pharmacy Control, **21**, 106, 1957.

Memorial to J.E. Galloway, **30**, 162, 1966.

President Roy A. Bowers: A Biographical Sketch, **27**, 519, 1963.

President Edward P. Claus: A Biographical Sketch, **30**, 299, 1966.

President Perry A. Foote: A Biographical Sketch, **26**, 273, 1962.

President George P. Hager: A Biographical Sketch, **29**, 357, 1965.

President Jack E. Orr: A Biographical Sketch, **28**, 475, 1964.

President Lloyd M. Parks: A Biographical Sketch, **25**, 359, 1961.

Report of the Editor of the American Journal of Pharmaceutical Education, **25**, 385, 1961; **26**, 306, 1962; **27**, 559, 1963; **28**, 510, 1964; **29**, 393, 1965; **30**, 351, 1966.

Gray, Robert M.

Medical Sociology in the Education of Pharmacy Students, **26**, 169, 1962.

Greco, Salvatore J.

Memorial to W.A. Jarrett, **22**, 242, 1958.

Report of the Committee on Relationships of Boards and Colleges of Pharmacy, **28**, 523, 1964; **29**, 399, 1965; **30**, 355, 1966.

Green, Melvin W.

An Avenue to Orientation to the Profession, **24**, 277, 1960.

Creating a Climate for Basic Research in the Pharmaceutical Sciences, **25**, 286, 1961.

Graduate Education in Schools of Pharmacy, **24**, 492, 1960.

Methods for Grading and Evaluation of Answers (Part of a Panel: Examining Students in Courses in Pharmacy Administration), **21**, 402, 1957.

Pharmacy Looks Ahead, **25**, 535, 1961.

Pharmacy Looks at Accreditation, **23**, 430, 1959.

The Preparation of Teaching Personnel for the Undergraduate Course in Physical Pharmacy, **21**, 376, 1957.

Summary and Appraisal of the Seminar, **29**, 800, 1965.

Summation of Sessions, **28**, 815, 1964.

Supply of Ph.D. Pharmacists (Part of a Symposium: Supply and Demand of Ph.D. Pharmacists), **21**, 348, 1957.

Greenberg, Isidore

Financial Schedules: A Teaching Aid in the Determination of the Capital Requirements Necessary for Opening a New Drugstore, **22**, 502, 1958.

Four Years of Experience with a Post-graduate Guidance Program at Brooklyn College of Pharmacy, **24**, 336, 1960.

Gregory, E. Glyde

Greetings from the Canadian Foundation for the Advancement of Pharmacy, **29**, 661, 1965.

Gribbens, Lorraine

Medicine vs. Ubat, **26**, 475, 1962.

Griffenhagen, George B.

Scientific Exhibits at A.Ph.A. Annual Meetings, **26**, 530, 1962.

Griffith, Ivor

Memorial to H.C. Wood, Jr., **22**, 532, 1958.

Grimtow, Robert H.

Meaningful Evaluation of Pharmaceutical Preparations in the Undergraduate Student Laboratory, **28**, 199, 1964.

Grolle, Floyd A.

The Case-Method as a Tool in Teaching Pharmacy Management, **21**, 421, 1957.

The Leading of Case Discussions in Pharmacy Management, **22**, 512, 1958.

Methods of Grading and Evaluation of Answers (Part of a Panel: Examining Students in Courses in Pharmacy Administration), **21**, 407, 1957.

Grosicki, T. S.

History of Pharmacy in the Five-year Curriculum, **27**, 237, 1963.

Gross, E. G.

Graduate Training in Pharmacology, **23**, 331, 1959.

Grundman, R. A.

Memorial to J.E. Davis, **22**, 370, 1958.

The Teaching of Calculus in Colleges of Pharmacy, **26**, 165, 1962.

Guess, Wallace

Teaching Machines and Pharmacy, **25**, 546, 1961.

H

Hacker, Sidney G.

The University-Wide Honors Program at Washington State University, **24**, 316, 1960.

Hager, George P.

Address of the President: He Knows and They Should Know that He Knows, **30**, 305, 1966.

Address of the Vice President: Aspirations of a Pharmaceutical Educator, **29**, 372, 1965.

Chemistry in the Five Year Program—the Graduate Program, **21**, 31, 1957.

Graduate Training in Synthetic Organic Chemistry: Consensus of University of Minnesota College of Pharmacy Faculty, **22**, 440, 1958.

Greetings from the American Association of Colleges of Pharmacy, **29**, 662, 1965.

Horizons in Pharmaceutical Chemistry, **29**, 675, 1965.

Memorial to E.B. Fischer, **25**, 331, 1961.

Memorial to C.H. Rogers, **27**, 642, 1963.

Our Reach and Our Grasp (President's Section), **29**, 433, 1965.

Pharmaceutical Education and Pharmaceutical Aspirations (President's Section), **29**, 322, 1965.

Professionals and/or Semiprofessionals (President's Section), **30**, 152, 1965.

Report of the Committee on Educational and Membership Standards, **24**, 28, 1960.

Structure-Coding for SAR Purposes, **23**, 548, 1959.

Hall, Esther J. W.

Panel: Curriculum and Syllabi for Courses in Pharmacy Administration—Five Year Program, Management, **22**, 482, 1958.

Hall, Nathan A.

Pharmacy 2000—A Fantasy (?), **27**, 432, 1963.

Hamarnah, Sami

Chemical Therapy in Tenth Century Arabic Medicine, **26**, 12, 1962.

Hamilton, Harold J.

The Outpatient Pharmacy as an In Vivo Prescription Laboratory for Pharmacy Students, **23**, 268, 1959.

Hammel, Robert W.

Career Decisions of Pharmacy Undergraduates, **27**, 81, 1963.

The Geographic Variability of Pharmacy Undergraduates' Career Decisions, **28**, 29, 1964.

Hammerness, Francis C.

The Demand for Pharmacy Graduates in Industry, **28**, 534, 1964.

The Demand for Pharmacy Graduates in Teaching, **28**, 545, 1964.

Keeping Up in Pharmacy Administration, **24**, 462, 1960.

A Proposed New Role for State Pharmacy Boards (Faculty Forum), **27**, 314, 1963.

Hammond, E. L.

Memorial to J.E. Foglesong, **21**, 304, 1957.

Hamner, Martin E.

A New Approach to Dispensing Pharmacy, University of Tennessee, **25**, 239, 1961.

- Hansen, W. G.**
The Chemistry and Biology of Nucleic Acids (Faculty Forum), **30**, 99, 1966.
- Harmon, Henry G.**
Scholarship and Higher Education, **27**, 37, 1963.
- Harris, Lloyd E.**
Report of the Committee on Status of Pharmacists in the Government Service, **22**, 328, 1958; **24**, 60, 1960; **25**, 96, 419, 1961; **26**, 335, 1962; **27**, 586, 1963; **28**, 551, 1964; **29**, 412, 1965; **30**, 373, 1966.
- Harris, R. S.**
Horizons in Professional Education, **29**, 669, 1965.
- Harrison, Charles R.**
A Pharmacy Administration Teaching Method, **29**, 255, 1965.
Pharmacy Management: How Satisfactory the Preparation?, **29**, 54, 1965.
- Hartman, Charles W.**
Opinions on Continuing Education, **27**, 426, 1963.
- Hartung, Walter H.**
Pharmaceutical Chemistry as a Major for Advanced Degrees, **23**, 351, 1959.
- Harwood, A. A.**
Memorial to E.H. Niles, **23**, 293, 1959.
- Haskey, L. D.**
Roles of the Teacher in Higher Education, **27**, 53, 1963.
- Hayman, J. Lester**
The School of Pharmacy Medical Center, West Virginia University, **24**, 135, 1960.
- Helfand, William H.**
Pharmaceutical Industry Marketing as Part of an Undergraduate Pharmacy Administration Program, **28**, 67, 1964.
- Heller, William M.**
Half of Your Students Will be Hospital Pharmacists!, **24**, 309, 1960.
The Outpatient Pharmacy as an In Vivo Prescription Laboratory for Pharmacy Students, **23**, 268, 1959.
- Hewitt, Harold G.**
Address of the President, **21**, 193, 1957.
The Demand for Ph.D. Pharmacists in Schools (Part of a Symposium: Supply and Demand of Ph.D. Pharmacists), **21**, 351, 1957.
Have We Kept the Faith?, **26**, 449, 1962.
Our Journal in the Next 25 Years, **25**, 13, 1961.
Pharmaceutical Education in the United States, **22**, 155, 1958.
Pharmacy Research Institute University of Connecticut, **25**, 197, 1961.
- A Prescription for Tomorrow**, **28**, 321, 1964.
- President's Section**, **21**, 56, 1957.
Report of the Committee on Problems and Plans, **22**, 324, 1958.
Report of Degrees Conferred by Schools and Colleges of Pharmacy for the Academic Year 1959-1960, **25**, 110, 1961.
Report of Degrees Conferred by Schools and Colleges of Pharmacy for the Academic Year 1960-1961, **26**, 70, 1962.
Report of Degrees Conferred by Schools and Colleges of Pharmacy for the Academic Year 1961-1962, **27**, 87, 1963.
Report of Degrees Conferred by Schools and Colleges of Pharmacy for the Academic Year 1962-1963, **28**, 72, 1964.
Report on Enrollment in Schools and Colleges of Pharmacy, First Semester, Term or Quarter, 1959-60, **24**, 73, 1960.
Report on Enrollment in Schools and Colleges of Pharmacy, First Semester, Term or Quarter, 1961-1962, **26**, 71, 1962.
Report on Enrollment in Schools and Colleges of Pharmacy, First Semester, Term or Quarter, 1962-1963, **27**, 88, 1963.
Report of the Executive Committee Chairman, **24**, 15, 1960; **25**, 29, 379, 1961; **26**, 291, 1962; **27**, 550, 1963.
Report of the Special Committee on Individual Membership, **30**, 378, 1966.
Responsibility of the Administrator, **24**, 451, 1960.
A Study of the Geographical Distribution of Pharmacy Students in United States and Canadian Schools for the Academic Year 1960-1961, **25**, 120, 1961.
A Study of the Geographical Distribution of Pharmacy Students for the Academic Year 1961-1962, **26**, 77, 1962.
A Study of the Geographical Distribution of Pharmacy Students for the Academic Year 1962-1963, **27**, 94, 1963.
University of Connecticut Drug Stability Laboratory, **29**, 210, 1965.
- Heyndrickx, Aubin**
Belgian Pharmaceutical Education, **22**, 28, 1958.
- Higuchi, Takeru**
Report of the Special Committee on Pharmaceutical Science and NIH, **30**, 379, 1966.
- Hinds, M.**
An Electrical Caliper Myograph, **30**, 209, 1966.
- Hiner, L. David**
Medical Sociology in the Education of Pharmacy Students, **26**, 169, 1962.
Report of the Committee on Future Enrollment Problems, **21**, 242, 1957.

Hinshaw, Virgil, Jr.

Philosophy of Science in the Science Curriculum, **24**, 272, 1960.

Hite, Gilbert J.

Should Calculus and Physical Chemistry be Required of all Undergraduates?, **25**, 574, 1961.

Hoch, J. Hampton

Bibliographical Materials in English Relating to the History of Pharmacognosy, **23**, 154, 1959.

A Tribute to the Memory of Heber Wilkinson Youngken (1885-1963), **29**, 161, 1965.

Hoff, H. E.

An Electrical Caliper Myograph, **30**, 209, 1966.

Hopponen, Raymond E.

The Continuing Education Program as a Recruiting Aid, **29**, 281, 1965.

Professionalism in Undergraduate Instruction (Faculty Forum), **28**, 111, 1964.

Hughes, F. N.

Greetings from the Faculty of Pharmacy, University of Toronto, **29**, 657, 1965.

Huyck, C. Lee

A Course in Pharmacy Orientation, **22**, 179, 1958.

Topics Practicing Pharmacists Prefer on Refresher Programs, **24**, 185, 1960.

I

Iannarone, Michael

Textbooks in Bacteriology, **25**, 586, 1961.

Iceman, Johnson & Hoffman

Report of Commercial Auditors, **21**, 47, 1957.

Ireland, E. J.

Memorial to J.F. McCloskey, **22**, 240, 1958.

Report of the Committee on Audio-Visual Education, **25**, 405, 1961; **26**, 324, 1962; **27**, 577, 1963.

J

Jacoff, Michael D.

The Management Simulation Exercise: Its Use in Pharmacy Administration, **29**, 558, 1965.

James, Arthur E.

A Classification of the Chemical Elements According to the Derivation of Their Names, **23**, 231, 1959.

Pharmaceutical Education in Central and South America, **22**, 51, 1958.

Jannke, Paul

Report of the Special Committee on Connotation of Terms Pharmaceutical Chemistry and/or Medicinal Chemistry, **28**, 554, 1964.

Jeffries, Seymour B.

The Expanding Role of Pharmacy Administration Training in the Preparation of Pharmacy Students for a Career, **21**, 144, 1957.

The Use of Individual Student Field Projects in Teaching Pharmacy Administration, **21**, 426, 1957.

Jenkins, Glenn L.

Academic Preparation for Graduate Study in the Five Year Professional Pharmacy Curriculum, **23**, 367, 1959.

A Great Age for Pharmacy, **28**, 378, 1964.

A New Plan for Pharmacy Education, **22**, 165, 1958.

Relationships Between Undergraduate and Graduate Education in Pharmacy, **24**, 501, 1960.

Report of the Special Committee on Individual Membership, **26**, 337, 1962; **27**, 589, 1963.

Jensen, V. Gaunp

Pharmaceutical Education in Denmark, **28**, 6, 1964.

A Research Approach to the Teaching of Galenical Pharmacy, **28**, 211, 1964.

Johnson, Richard E.

Pharmacy Administration Re-examined, **29**, 72, 1965.

Jones, James W.

Memorial to Z.M. Cooper, **25**, 477, 1961.

Jones, Putnam F.

Trimester Programs, **25**, 425, 1961.

Jorgensen, A. N.

What is Wrong with Pharmaceutical Education?, **21**, 1, 1957.

Jorgensen, Eugene C.

The Need for Recognizing Pharmaceutical (Medicinal) Chemistry as a Basic Health Science, **28**, 178, 1964.

K

Kabat, Hugh F.

Are Pharmacy Teachers Educating Pharmacy Students for Their Jobs? (Faculty Forum), **30**, 496, 1966.

Kahn, Alan

Fundamentals of Biopotentials and Their Measurement, **28**, 805, 1964.

Kalleis, Theodore S.

Arthropod-borne Communicable Diseases (Faculty Forum), **29**, 596, 1965.

Kamm, Robert B.

The Student and Higher Education, **27**, 28, 1963.

Kanig, Joseph L.

Requirements for Success in Pharmaceutical Sales and Research, **27**, 213, 1963.

- Kaufman, K. L.**
Pharmaceutical Ethics, **23**, 213, 1959.
Report of the Committee on Predictive Tests, **24**, 55, 1960; **25**, 89, 1961.
Report of the Committee on Recruitment Aids, **25**, 418, 1961; **26**, 332, 1962; **27**, 585, 1963.
Report of the Delegates to the American Council on Education, **21**, 269, 1957; **22**, 333, 1958; **24**, 66, 212, 1960.
Report of the Representatives to the National Advisory Commission on Careers in Pharmacy, **25**, 423, 1961; **26**, 222, 1962.
- Kazerovskis, Karlis K.**
New Laboratory Exercises, Procedures, or Methods in Pharmacognosy (Faculty Forum), **27**, 468, 1963.
- Kazin, Louis E.**
Making Postgraduate Refresher Courses More Practical, **23**, 32, 1959.
Stimulating Students in Pharmacy Administration, **21**, 413, 1957.
- Kearns, James A.**
Present Problems in the Recruitment of Students, **22**, 66, 1958.
Teaching Arithmetical Concepts, **21**, 20, 1957.
- Kedersha, Richard G.**
The Use of Pharmaceutical Extension in Developing the Case-Problem Method in Pharmacy Administration, **21**, 149, 1957.
- Keller, R. A.**
Currents in Chemical Education—College Level, **30**, 1, 1966.
- Kellett, James C., Jr.**
Ferment in Pharmaceutical Education: The Changing Nature of the Basic Sciences, **30**, 464, 1966.
- Kelsey, John E.**
Student Experiments in Pharmaceutical Analysis. VI. Determination of Ephedrine and Phenobarbital by Liquid-Liquid Extraction, **29**, 500, 1965.
- Kern, Joseph H.**
Pharmacy Administration, Its Assets and Liabilities, **23**, 591, 1959.
Pharmacy Administration—Its Place in the Five Year Program (Part of a Symposium), **21**, 392, 1957.
Report of the Secretary-Treasurer of the AACP Conference of Teachers, 1957-1958, **22**, 522, 1958.
Report of the Secretary-Treasurer of the AACP Conference of Teachers, 1958-1959, **23**, 602, 1959.
- Kier, L. B.**
A Cooperative Training Program for Superior High School Science Students, **26**, 197, 1962.
- King, Louis D.**
A Simulated Prescription Department in Teaching Dispensing, **21**, 125, 1957.
- King, Theodore O.**
Belgian Pharmaceutical Education, **22**, 28, 1958.
- Kirkpatrick, Herman H.**
The Physical Science Study Committee's Physics Program, **29**, 22, 1965.
- Knapp, David A.**
Determining the Role of the Community Pharmacist, **29**, 274, 1965.
An Elective Senior Seminar in Socio-Economic Pharmacy Problems, **29**, 564, 1965.
- Knapp, Deanne E.**
Determining the Role of the Community Pharmacist, **29**, 274, 1965.
- Kostenbauder, H. B.**
Report of the Representative to the American Association for the Advancement of Science, **27**, 291, 1963.
- Kramer, John E.**
Memorial to Ivor Griffith, **26**, 244, 1962.
P. C. P. & S. and the University of the Air, **27**, 454, 1963.
- Krause, G. M.**
Oral Sustained-release Dosage Forms (Faculty Forum), **30**, 261, 1966.
- Kreiser, Abraham**
Financial Schedules: A Teaching Aid in the Determination of the Capital Requirements Necessary for Opening a New Drugstore, **22**, 502, 1958.
- Kremers, R. E.**
Professional Attitude and Education, **23**, 241, 1959.
- Krop, Stephen**
Pharmacological Aspects of Teratogenicity of Laboratory Animals, **28**, 719, 1964.
- Kuever, R. A.**
Memorial to W.J. Teeters, **24**, 238, 1960.
Professor Emeritus Zada Mary Cooper, **25**, 1, 1961.
- Kurtz, Frederick C.**
Report of the Commercial Auditor, **26**, 95, 1962; **27**, 117, 1963; **28**, 100, 1964; **29**, 114, 1965; **30**, 93, 1966.

L

- Lakey, Roland T.**
Memorial to F.T. Bradt, **25**, 171, 1961.

- Lange, Winthrop E.**
Pharmacy Calculations Should be Taught as a Separate Course, **22**, 433, 1958.
- La Pidus, Jules B.**
The Use and Abuse of Stereochemistry, **27**, 242, 1963.
- Larson, Paul S.**
Memorial to H.B. Haag, **26**, 135, 1962.
- Larwood, Charles H.**
Memorial to Bess Emch, **25**, 479, 1961.
Memorial to Anton Hogstad, Jr., **23**, 614, 1959.
- Leake, Chauncey D.**
The Status of Pharmacology as a Science, **23**, 173, 1959.
- Lee, C. O.**
How Well do we Teach Pharmacy?, **23**, 373, 1959.
Memorial to Edward Spease, **22**, 102, 1958.
- Lemberger, August P.**
A Graduate Program in Pharmaceutical Extension, **30**, 473, 1966.
- Lesshafft, Charles T., Jr.**
The Development and Use of Equations for Determining the Percentage of Error in Compounding (Faculty Forum), **29**, 125, 1965.
- Leuallen, E. E.**
The Bobst-Columbia Plan for Pharmaceutical Education, the First Application of Group Ideation to Curriculum Development, **22**, 147, 1958.
Memorial to C.W. Ballard, **27**, 639, 1963.
Report of the Committee on Constitution and Bylaws, **28**, 516, 1964; **29**, 395, 1965.
Report of the Committee on Resolutions, **26**, 318, 1962.
Report of the Representatives to the National Drug Trade Conference, **24**, 216, 1960; **25**, 307, 1961.
- Levy, Gerhard**
Do You Favor Including Statistics in the Pharmaceutical Calculations Course? (Faculty Forum), **26**, 99, 1962.
Meaningful Evaluation of Pharmaceutical Preparations in the Undergraduate Student Laboratory, **28**, 199, 1964.
Undergraduate Research Participation, **26**, 200, 1962.
- Lichtin, J. Leon**
New Laboratory Exercises, Procedures, or Methods in Pharmacy (Faculty Forum), **27**, 465, 1963.
- Liska, Kenneth J.**
Cancer Chemotherapy (Faculty Forum), **29**, 301, 1965.
- Little, Ernest**
A Letter from Dr. Ernest Little, **21**, 9, 1957.
"Lyman's Journal," **25**, 10, 1961.
- Littlejohn, Oliver M.**
Report of the Joint Committee on Pharmacy College Libraries, **28**, 522, 1964; **29**, 399, 1965.
- Long, J. P.**
Graduate Training in Pharmacology, **23**, 331, 1959.
- Lowe, Anne**
Improving the Pharmacy Curricula by Restructuring of Laboratory Periods, **24**, 174, 1960.
- Lowenthal, Werner A.**
A Programmed Text in Pharmaceutical Calculations, **30**, 212, 1966.
A Soliloquy on Pharmacy Courses, **29**, 260, 1965.
- Lyman, Rufus A.**
Dr. Lyman Comments, **21**, 160, 298, 1957; **22**, 96, 1958.
Report of the Committee on Problems and Plans, **21**, 256, 1957.
- Lyman, R. A., Jr.**
A Bit of Ribbon, **24**, 146, 1960.
Memorial to R. A. Lyman, **22**, 100, 1958.
A Part of the Past, **25**, 559, 1961.
What's Dangerous to Pharmaceutical Education, **21**, 4, 1957.
- Lynch, John A.**
Panel: Curriculum and Syllabi for Courses in Pharmacy Administration—Five Year Program, Marketing (Marketing Drug Products), **22**, 491, 1958.
Teaching in the Pharmacy Administration Laboratory, **21**, 424, 1957.
- Lytle, Arthur C., Jr.**
The Teaching of Store Layout Principles to Pharmacy Management Students, **23**, 594, 1959.

M

- Mahaffey, Fred T.**
Report of the Secretary of the American Council on Pharmaceutical Education, Inc., **26**, 300, 1962; **27**, 465, 1963; **28**, 505, 1964; **29**, 387, 1965; **30**, 345, 1966.
- Maher, Frank T.**
What the Medical Profession Expects the Pharmacist to Know About Pharmacology, **28**, 658, 1964.
- Malewitz, T. D.**
A Cooperative Training Program for Superior High School Science Students, **26**, 197, 1962.

- Malspeis, Louis**
Report of the Committee on Undergraduate Research Awards, **27**, 591, 1963; **28**, 529, 1964.
- Marcus, Arnold D.**
The Scope and Prerequisites for the Undergraduate Course in Physical Pharmacy (Part of a Panel: Teaching of Physical Pharmacy at the Undergraduate Level), **21**, 363, 1957.
Some Experiences with Preparations, Technology and Physical Pharmacy in an Integrated Course, **21**, 27, 1957.
- Martin, Alfred N.**
Physical Pharmacy: Physical Chemical Principles in Pharmaceutical Science, **22**, 462, 1958.
Problem Solving and Creative Thinking in the Physical Pharmacy Laboratory (Part of a Panel: Teaching of Physical Pharmacy at the Undergraduate Level), **21**, 371, 1957.
- Martin, Charles F.**
New Laboratory Exercises, Procedures or Methods in Pharmaceutical Chemistry (Faculty Forum), **27**, 470, 1963.
Postdoctoral Study of Chemistry in Switzerland, **23**, 382, 1959.
- Martin, D. M.**
Memorial to J.E. Davis, **22**, 370, 1958.
- Mason, Robert C.**
Do You Favor Including Statistics in the Pharmaceutical Calculations Course? (Faculty Forum), **26**, 98, 1962.
- Masters, Hugh B.**
Pharmacy and Continuing Education, **23**, 7, 1959.
- Mattocks, Albert M.**
Graduate Training for Industrial Pharmacy, **23**, 326, 1959.
Manufacturing Pharmacy—Course Content, **21**, 99, 1957.
Objectives and Scope of the Undergraduate Course in Manufacturing Pharmacy, **23**, 523, 1959.
Qualities of Compressed Tablets: Potency Variation (Faculty Forum), **30**, 110, 1966.
- Mayer, Steven E.**
Newer Developments in Biochemical Pharmacology, **28**, 711, 1964.
- McAllister, H. C.**
Pharmacy's National Purpose, **25**, 511, 1961.
- McCarthy, Walter C.**
Pharmaceutical Education in the Netherlands, **22**, 34, 1958.
- McCloskey, John F.**
Address of the Vice President, **22**, 276, 1958.
Business Courses in the Pharmacy Curriculum, **21**, 397, 1957.
Examining Students in Courses in Pharmacy Administration (Part of a Panel: Examining Students in Courses in Pharmacy Administration), **21**, 404, 1957.
- McConnell, Warren E.**
Two Years in Thailand with the World Health Organization, **30**, 237, 1966.
- McCowan, J. R.**
Legal Aspect of Requiring Continuing Education for Licensure Renewal, **30**, 486, 1966.
- McCutcheon, R. S.**
Pharmacology a Service Course?, **26**, 187, 1962.
- McDaniel, Ernest D.**
Prediction of Scholastic Achievement in Pharmacy at the University of Kentucky, **24**, 162, 1960.
- McEvilla, Joseph D.**
Graduate Education in Pharmacy Administration, **23**, 358, 1959.
Graduate Education in Pharmacy Administration, **23**, 563, 1959.
Panel: Curriculum and Syllabi for Courses in Pharmacy Administration—Five Year Program, A Method of Achieving the Objectives of Accounting in the Pharmacy Curriculum, **22**, 474, 1958.
Pharmacy Administration—Its Place in the Five Year Program (Part of a Symposium), **21**, 394, 1957.
Pharmacy Administration Re-examined, **29**, 72, 1965.
The Socio-Economic Aspects of Teaching Pharmacy Administration, **26**, 513, 1962.
- McKean, Dayton D.**
Trends in Graduate Education, **24**, 487, 1960.
- McNeil, Henry S.**
Values, **23**, 255, 1959.
- McRae, John D.**
A Student Experiment in Chemical Kinetics: The Hydrolysis of Chlorobutanol, **30**, 53, 1966.
- Medwick, Thomas**
Pharmaceutical Analysis and Inorganic Pharmaceutical Chemistry at Rutgers—A Combined Course, **29**, 489, 1965.
- Mercer, F. L.**
Report of the Joint Committee on Pharmacy College Libraries, **30**, 355, 1966.

- Meyer, N. H.**
Pharmacy and Pharmaceutical Education, **21**, 6, 1957.
- Michener, Nathan Lindley**
Instrumental Methods of Analysis, **21**, 38, 1957.
Memorial to E.H. Niles, **23**, 293, 1959.
- Miller, Clifton E.**
Memorial to W.F. Sudro, **22**, 104, 1958.
Report of the Committee on Problems and Plans, **25**, 92, 1961.
- Miller, Orville H.**
The Scope of Pharmaceutical Mathematics, **22**, 426, 1958.
- Miya, Tom S.**
Graduate Education in Pharmacology, **23**, 335, 1959.
Organization of a Graduate Program in Pharmacology, **28**, 757, 1964.
- Mockle, J. A.**
Teaching Machines and Programmed Learning, **29**, 284, 1965.
- Moore, A.**
An Electrical Caliper Myograph, **30**, 209, 1966.
- Morrison, Rex T.**
The Pendulum Swings in Chemistry, **29**, 8, 1965.
- Morrison, R. W.**
Report of the Committee on Predictive Tests, **25**, 413, 1961.
The University of South Carolina School of Pharmacy, **28**, 327, 1964.
- Morrisseau, James J.**
The New Shape of Instructional Facilities, **27**, 439, 1963.
- Murray, Daniel H.**
Memorial to Eino Nelson, **30**, 278, 1966.
The Place of a Four-year Basic Science Degree Program in Pharmaceutical Education, **30**, 230, 1966.
A Reorientation in Pharmaceutical Education, **26**, 182, 1962.
Summary of Workshop Reports, **29**, 794, 1965.
To Teach and/or to Seek—That is the Question, **29**, 205, 1965.
- Musulini, Michael**
Pharmacy Administration Re-examined, **29**, 72, 1965.
The Socio-Economic Aspects of Teaching Pharmacy Administration, **26**, 513, 1962.
- N**
- Nelson, Donald E.**
The Use of Closed Circuit Television in Teaching, **28**, 741, 1964.
- Nelson, Harold**
Pharmacy Administration Courses in Our Colleges of Pharmacy, **23**, 439, 1959.
- Nelson, John W.**
A Lecture in Pharmacology: Diuretics (Faculty Forum), **29**, 305, 1965.
The New Direction in Curriculum Building, **28**, 688, 1964.
- Newman, Elton**
Medical Sociology in the Education of Pharmacy Students, **26**, 169, 1962.
- Newton, Howard C.**
Memorial to L. M. Ohmart, **22**, 244, 1958.
- Nieforth, Karl A.**
Organic Pharmaceutical Chemistry, **29**, 267, 1965.
- Nobles, W. Lewis**
The Necessity for Research and Graduate Training in Synthetic Pharmaceutical Chemistry in Schools of Pharmacy, **22**, 449, 1958.
Report of the Committee on Graduate Programs, **24**, 45, 1960; **25**, 76, 1961.
Some Experiences with the National Science Foundation Science Faculty Fellowship Program, **23**, 554, 1959.
- North, Caroline P.**
Contributions by Land-grant Colleges and Universities to Pharmaceutical Education, **26**, 52, 1962.
- O**
- O'Brien, Francis J.**
Report of the Committee on the Relationships of Boards and Colleges of Pharmacy, **21**, 231, 1957.
- Ohvall, Richard A.**
Career Decisions of Pharmacy Undergraduates, **27**, 81, 1963.
The Geographic Variability of Pharmacy Undergraduates' Career Decisions, **28**, 29, 1964.
Objectives and Approaches to Undergraduate Research in Pharmacy Administration, **28**, 225, 1964.
Students Receptivity to the Pharmacy Administration Subject Area, **30**, 45, 1966.
- Olsen, Paul C.**
Panel: Curriculum and Syllabi for Courses in Pharmacy Administration—Five Year Program, Pharmacy Administration—Over-all Aims and Objectives, **22**, 471, 1958.
- Omodt, Gary**
Should We Teach More Biochemistry? (Faculty Forum), **26**, 52, 1962.
- Opulente, Blaise J.**
A Prescription for Intellectual Ills, **29**, 35, 1965.

Orr, Jack E.

- Address of the President: Gains, Goals, and Gratitude, **29**, 364, 1965.
Address of the Vice President, **28**, 487, 1964.
Experimentation in Education (President's Section), **29**, 149, 1965.
Quality Control in Graduate Education (President's Section), **28**, 437, 1964.
Report of the Committee on Constitution and Bylaws, **21**, 220, 1957.
Report of the Committee on Educational Policies, **27**, 563, 1963.
Report of the Committee on Future Enrollment Problems, **24**, 42, 1960.
A Report on Fifth Year Students as "Consultants in Drugs," **23**, 264, 1959.

Osborne, George E.

- Chemical Compounds in the Official Compendia, **26**, 19, 1962.
David Stewart, M.D., First American Professor of Pharmacy (1813-1899), **23**, 219, 1959.
A Departure from the Classic Order in General Pharmacy, **21**, 129, 1957.
The Integration of Liberal and Professional Courses in Pharmacy, **23**, 74, 1959.
Pharmacy and the Development of the American West (Faculty Forum), **29**, 140, 1965.
Report of the Joint Committee on Pharmacy College Libraries, **21**, 229, 1957; **22**, 297, 1958; **24**, 32, 1960; **25**, 51, 1961.

P

Pace, C. Robert

- Judging the Educational Product, **27**, 68, 1963.

Parker, Luther R.

- Professional Growth Through Continuing Education (Faculty Forum), **28**, 115, 1964.

Parks, Lloyd M.

- Address of the President, **26**, 279, 1962.
Address of the Vice President, **25**, 369, 1961.
Better to Light One Candle (President's Section), **25**, 445, 1961.
The Case for Research and Undergraduate Teaching, **29**, 200, 1965.
Graduate Enrollment Data, September, 1958 and Graduate Study in Member Colleges 1959-60, **23**, 94, 1959.
Graduate Enrollment Data, September, 1959 and Graduate Study in Member Colleges for 1960-61, **24**, 70, 1960.
Our Colleagues in Canada (President's Section), **25**, 593, 1961.

The Pharmacy Manpower Survey (President's Section), **26**, 117, 1962.

Pharmacy's Appeal to Prospective Students—What the Colleges are Doing, **22**, 403, 1958.

Report of the Committee on Curriculum, **21**, 221, 1957.

Report of the Committee on Recruitment Aids, **24**, 58, 1960; **25**, 94, 1961.

Report of the Committee on Resolutions, **21**, 233, 1957.

Report of the Representatives to the National Drug Trade Conference, **25**, 307, 1961; **26**, 217, 1962; **27**, 299, 1963.

Who Controls Pharmacy's Destiny? (President's Section), **25**, 323, 1961.

Parrott, Eugene L.

- Student Experiments in Pharmaceutical Technology. I. Particle Size Distribution Measurements, **30**, 196, 1966; II. Flowability of Powders, **30**, 205, 1966; III. Humidity, **30**, 470, 1966.

Patel, Babu N.

- An Organic Medicinals Course for Pharmacists of Today and the Next Decade, **25**, 540, 1961.

Paterson, G. R.

The Canadian Conference of Pharmaceutical Faculties, **22**, 201, 1958.

The Objectives and Methods of the Seminar, **29**, 665, 1965.

The Participation of Pharmaceutical Chemists in a Continuing Education Program, **29**, 785, 1965.

Remarks of the Chairman of the Canadian Conference of Pharmaceutical Faculties, **30**, 326, 1966.

Paul, David B.

- A Survey of the Five-year Curricula of Member Colleges, **26**, 461, 1962.

Perkins, Alfred J.

- Achievement in General College Chemistry versus Scores from Various Entrance Tests, **21**, 387, 1957.

Picchioni, Albert L.

- New Laboratory Exercises, Procedures, or Methods in Pharmacology (Faculty Forum), **27**, 474, 1963.

Plein, Elmer M.

Memorial to H.A. Langenhan, **21**, 450, 1957.

Trends in Hospital Pharmacy Education, **24**, 342, 1960.

Pokorny, Frank J.

- Tribute to J.L. Powers, **24**, 75, 1960.

Polinsky, Max

New Laboratory Exercises, Procedures, or Methods in Pharmacy Administration (Faculty Forum), **27**, 478, 1963.

Pharmacy Administration: Facts versus Concepts, **29**, 68, 1965.

Ponton, Henry J.

New Approaches to Classic Pharmacologic Techniques, **28**, 802, 1964.

Pope, Louise

The Outpatient Pharmacy as an In Vivo Prescription Laboratory for Pharmacy Students, **23**, 268, 1959.

Powers, Lee

The Association of American Medical Colleges, **24**, 149, 1960.

Powers, Wilbur E.

A State Board Member's View of Pharmacy Calculations, **22**, 436, 1958.

Pratt, Harold W.

Are Pharmacy Teachers Educating Pharmacy Students for Their Jobs? (Faculty Forum), **30**, 498, 1966.

Pratt, Robertson

Comments on the Teaching of Pharmacognosy, **23**, 404, 1959.

The Importance and Place of Antibiotics Instruction in the Pharmacy Curriculum, **26**, 502, 1962.

Prout, William A.

Memorial to J.B. Hyde, **21**, 305, 1957.

Pumpian, Paul A.

Panel: Curriculum and Syllabi for Courses in Pharmacy Administration—Five Year Program, Pharmaceutical Jurisprudence in the Five Year Program, **22**, 493, 1958.

Q

Quimby, Maynard W.

The Lynn File, **22**, 64, 1958.

The Lynn Index, A Report of Progress, **23**, 598, 1959.

Report of the Committee on Audio-Visual Education, **28**, 531, 1964.

R

Ramstad, Egil

The Background of the Teacher Necessary to Achieve Depth, **24**, 439, 1960.

Pharmaceutical Chemistry in the Training of Pharmacists in Northern and Central Europe, **29**, 710, 1965.

Reddish, George F.

Early History of Antiseptics and Disinfectants, **23**, 197, 1959.

Pharmaceutical Microbiology Looks Ahead, **21**, 139, 1957.

Redman, G. D.

A Proposed New Role for State Pharmacy Boards (Faculty Forum), **27**, 316, 1963.

Reif, Edward C.

The School of Pharmacy in the Schools of the Health Professions Building, University of Pittsburgh, **21**, 121, 1957.

Reiss, David

Pharmacy's Appeal to Prospective Students, **22**, 409, 1958.

Remington, L.

A Cooperative Training Program for Superior High School Science Students, **26**, 197, 1962.

Rhyne, Dwight C.

Review of Program Design, Procedures, and Techniques in Continuing Education, **28**, 389, 1964.

Rice, Raymond M.

Clinical Research in the Pharmaceutical Industry, **22**, 133, 1958.

Riedel, B. E.

Biochemistry in a Pharmaceutical Chemistry Curriculum, **29**, 743, 1965.

Riedesel, Carl C.

Magnetic Tape Storage of Biopotentials, **29**, 524, 1965.

Riess, Chester L.

The English Teacher Talks Back, **22**, 185, 1958.

In-service Teaching Seminars at the Brooklyn College of Pharmacy, **26**, 58, 1962.

Memorial to O.E.M. Ruhmer, **23**, 613, 1959.

Rising, L. Wait

The Consultant Pharmacist, **23**, 411, 1959.

Professional Consulting: A Neglected Function of Pharmacy, **26**, 209, 1962.

The Seminar and Project Method of Instruction: A Departure from the Traditional Style of Teaching, **23**, 386, 1959.

Rist, Walter

Memorial to O.K. DeFoe, **25**, 604, 1961.

Memorial to R.L. Lund, **21**, 305, 1957.

Robinson, Donald W.

The Student Personnel Function in American Higher Education, **27**, 18, 1963.

Rodman, Morton J.

Ancillary Areas of Pharmacology Important to Pharmacists, **28**, 678, 1964.

Memorial to C.L. Cox, **22**, 532, 1958.

Rodowskas, Christopher A., Jr.

Continuing Education in Pharmacy: Motivation and Content, **28**, 389, 1964.

Marketing Seminar: A New Concept in Industrial Visitations, **30**, 218, 1966.

Roon, Leo

The Bobst-Columbia Plan for Pharmaceutical Education, the First Application of Group Ideation to Curriculum Development, **22**, 147, 1958.

Rosenstein, Philip

Changing Objectives of the Pharmacy College Library, **27**, 248, 1963.

Rossi, G. Victor

Is the Undergraduate Curriculum a Suitable Foundation for Graduate Study in Pharmacology?, **29**, 218, 1965.

The Objectives of Undergraduate Pharmacology, **28**, 669, 1964.

Rowe, E. J.

Memorial to E. H. Niles, **23**, 293, 1959.

Rowe, Tom D.

Address of the President, **22**, 269, 1958.

Address of the Vice President, **21**, 204, 1957.

Annual Pharmacy Lectures—University of Michigan, **23**, 15, 1959.

Changes Influencing the Teaching of Pharmacy in the United States, **22**, 151, 1958.

Pharmaceutical Education Twenty-five Years from Now, **23**, 89, 1959.

President's Section, **21**, 442 1957; **22**, 90, 1958.

Problems Encountered in Revision of a Pharmacy Act, **21**, 10, 1957.

Report of the Committee on Hospital Pharmacy Education, **21**, 267, 1957.

Report of the Joint Committee on Hospital Pharmacy, **26**, 328, 1962; **27**, 581, 1963.

Ruggiero, John S.

Report of the Committee on Public Health and Civil Defense, **30**, 369, 1966.

Runion, Howell I.

Magnetic Tape Storage of Biopotentials **29**, 524, 1965.

S

Sager, Robert W.

The Application of Programmed Learning Techniques to Selected Material in a Professional Curriculum, **26**, 190, 1962.

Salpekar, A. M.

Student Experiments in Pharmaceutical Technology. I. Particle Size Distribution Measurements, **30**, 196, 1966.

Saski, Witold

The Development of Pharmacy in Poland, **22**, 214, 1958.

Pharmaceutical Education in Poland, **22**, 38, 1958.

Pharmaceutical Technology at the University of Nebraska, **27**, 198, 1963.

Sattler, F. P.

Fundamentals of Biopotentials and Their Measurement, **28**, 805, 1964.

Schaefer, Hugo H.

Remington Honor Medal Citation for Harry J. Anslinger, **27**, 116, 1963.

Remington Honor Medal Citation for W. Paul Briggs, **22**, 80, 1958.

Remington Honor Medal Citation for K. K. Chen, **30**, 91, 1966.

Remington Honor Medal Citation for Ivor Griffith, **25**, 140, 1961.

Remington Honor Medal Citation for Robert A. Hardt, **29**, 112, 1965.

Remington Honor Medal Citation for Glenn L. Jenkins, **28**, 98, 1964.

Remington Honor Medal Citation for Eli Lilly, **23**, 97, 1959.

Remington Honor Medal Citation for Frank W. Moudry, **21**, 46, 1957.

Remington Honor Medal Citation for Justin L. Powers, **24**, 79, 1960.

Report of the Delegates to the American Foundation for Pharmaceutical Education, **21**, 270, 1957; **22**, 334, 1958.

Report of the Representatives to the National Drug Trade Conference, **21**, 271, 1957; **22**, 336, 1958; **23**, 456, 1959; **24**, 216, 1960.

Schaeffer, Howard J.

Undergraduate Research Participation, **26**, 200, 1962.

Schermerhorn, John W.

The Lynn File, **22**, 64, 1958.

Schneider, A. J.

Report of the Commercial Auditor, **24**, 96, 1960.

Shirkey, H. C.

The Hospital—A Pharmacology Laboratory for Pharmacy Students, **28**, 216, 1964.

Schmehl, Francis L.

Pharmacy Research—Past, Present, and Future, **25**, 242, 1961.

Schneider, Albert J.

Report of the Commercial Auditor, **24**, 96, 1960; **25**, 117, 1961.

Schneider, Wolfgang

A Bibliographic Review of the History of Pharmaceutical Chemistry (With Particular Reference to German Literature), **23**, 161, 1959.

Schwartz, Arthur E.

An Appraisal of Graduate Education in Pharmacognosy, **23**, 340, 1959.

Schwarz, T. W.

An Experiment in Teaching Theoretical and Applied Pharmacy, **23**, 400, 1959.

- Sciarra, John J.**
Guidelines for Developing a Course of Instruction in Aerosols (Faculty Forum), **27**, 121, 1963.
- Sciuchetti, Leo A.**
Memorial to G.E. Crossen, **22**, 533, 1958.
- Selden, William K.**
From Medicine Chests to Accreditation, **27**, 1, 1963.
- Shellard, E. J.**
The Warp and Woof of Pharmaceutical Chemistry and Pharmacognosy, **26**, 486, 1962.
- Sherman, John F.**
Criteria for Participation in National Institutes of Health Programs in Pharmacology, **28**, 693, 1964.
- Sherrod, Theodore R.**
A Classical Lecture—Antihypertensive Drugs, **28**, 726, 1964.
Examples of Mimeographed Student "Hand Out" Sheets, **28**, 735, 1964.
- Sica, Albert J.**
Report of the Committee on Educational and Membership Standards, **25**, 48, 1961.
Should Board of Pharmacy Membership be Restricted to Retail Pharmacists?, **29**, 50, 1965.
- Sih, Charles J.**
Is the Undergraduate Curriculum a Suitable Foundation for Graduate Study in Microbiology?, **29**, 213, 1965.
- Sim, S. K.**
Undergraduate Pharmacognosy Laboratory: A New System at Toronto, **30**, 50, 1966.
- Sirluck, Ernest**
A No-title Address, **29**, 781, 1965.
- Small, LaVerne D.**
The Identification of Organic Medicinal Compounds as Taught in Pharmaceutical Chemistry (Faculty Forum), **28**, 242, 1964.
- Smismman, Edward E.**
Report of the Special Committee on Recruitment for Graduate Study, **26**, 338, 1962; **27**, 589, 1963.
The Teaching of Natural Product Chemistry, **29**, 737, 1965.
- Smith, Harry A.**
Student Views on Internship, **26**, 468, 1962.
- Smith, Mickey C.**
Instruction in Ethics in Schools of Pharmacy, **28**, 404, 1964.
- Smith, Pierre F.**
The Pharmaceutical Chemistry Curriculum in a Professional Program, **29**, 683, 1965.
- What Basic Course Offerings Should be Required in Pharmaceutical Chemistry and how can these Courses be Strengthened?, **25**, 582, 1961.
- Sommers, Blanche**
Hospital Pharmacy: Required or Elective?, **26**, 458, 1962.
- Sonnedecker, Glenn**
The Concept of Chemotherapy, **26**, 1, 1962.
Memorial to George Urdang, **24**, 536, 1960.
A New Graduate Program: Social Studies in Pharmacy, **28**, 35, 1964.
Report of the Joint Committee on Pharmacy College Libraries, **25**, 395, 1961.
Some Guidelines into the Historical Literature on Pharmacy, **23**, 143, 1959.
Studying Pharmacy in West Germany, **22**, 169, 1958.
- Spencer, F. J.**
Pharmacy and the Public Health: Teaching Materials and Their Sources, **30**, 248, 1966.
- Sperandio, Glen J.**
The Investigative Approach in Teaching Dispensing, **21**, 115, 1957.
Report of the Committee on Educational and Membership Standards, **21**, 228, 1957; **22**, 296, 1958.
A Survey of the Five-year Curricula of Member Colleges, **26**, 461, 1962.
- Sprolows, Joseph B.**
Effects of the Teachers' Seminars on Undergraduate Education, **24**, 509, 1960.
Integration of Basic Pharmacy Courses, **21**, 35, 1957.
Memorial to R.L. Swain, **27**, 331, 1963.
A Note on Continuing Education at Temple University, **23**, 27, 1963.
The Pharmacists' Role in Promoting the Health of the Public, **23**, 503, 1959.
Report of the Chairman of the Executive Committee, **28**, 502, 1964; **29**, 385, 1965; **30**, 332, 1966.
Report of the Committee on Predictive Tests, **21**, 254, 1957; **22**, 324, 1958.
Report of the Committee on Resolutions, **25**, 58, 1961.
Report on Enrollment in Schools and Colleges of Pharmacy First Semester, Term or Quarter, 1963-1964, **28**, 74, 1964.
Report on Enrollment in Schools and Colleges of Pharmacy First Semester, Term or Quarter, 1964-1965, **29**, 85, 1965.
Report on Enrollment in Schools and Colleges of Pharmacy First Semester, Term or Quarter, 1965-1966, **30**, 64, 1966.

- Report of the Representatives to the National Drug Trade Conference, **24**, 216, 1960; **25**, 307, 1961; **26**, 217, 1962; **27**, 299, 1963.
- Report of the Special Committee on Evaluation of Teachers' Seminars, **26**, 339, 1962; **27**, 588, 1963.
- A Study of the Geographical Distribution of Pharmacy Students for the Academic Year 1963-1964, **28**, 81, 1964.
- A Study of the Geographical Distribution of Pharmacy Students for the Academic Year 1964-1965, **29**, 92, 1965.
- A Study of the Geographical Distribution of Pharmacy Students for the Academic Year 1965-1966, **30**, 71, 1966.
- Squibb, George**
Pharmacists and Research Opportunities, **23**, 248, 1959.
- Stempel, Edward**
An Appraisal of College of Pharmacy Tours of Industrial Pharmaceutical Companies, **28**, 18, 1964.
The Attitudes of Teachers in Continuing Education Programs, **29**, 225, 1965.
Solving Problems in Pharmaceutical Mathematics by Several Methods, **29**, 435, 1965.
Teaspoonful Dosage Problems, **26**, 205, 1962.
- Steinberg, Irvin**
Student Views on Internship, **26**, 468, 1962.
- Stiles, William W.**
Conference on Public Health in the Curricula of Colleges of Pharmacy, **29**, 575, 1965.
Public Health in the Pharmaceutical Curriculum, **24**, 204, 1960.
- Stephenson, Howard W.**
Prediction of Scholastic Achievement in Pharmacy at the University of Kentucky, **24**, 162, 1960.
- Strait, L. A.**
A Course in Physical Measurements and Instrumentation, **23**, 544, 1959.
- Strommen, Richard S.**
Education by Coercion, **24**, 180, 1960.
- Strother, W. D.**
The School of Pharmacy at Southwestern State College, **28**, 344, 1964.
- Stuart, David M.**
The Status of Biochemistry in Schools and Colleges of Pharmacy, **21**, 379, 1957.
- Susina, Stanley V.**
The Hospital—A Pharmacology Laboratory for Pharmacy Students, **28**, 216, 1964.
- Pharmacy Calculations Should be Integrated with Other Pharmacy Courses, **22**, 428, 1958.
- Svoboda, Gordon H.**
How the American Society of Pharmacognosy is Aiding Pharmaceutical Education (Faculty Forum), **26**, 536, 1962.
- Swafford, William B.**
Policies and Objectives of Continuing Education, **29**, 571, 1965.
- Swartz, Howard A.**
Should We Teach More Biochemistry? (Faculty Forum), **26**, 234, 1962.
- Swinyard, Ewart A.**
Achieving Depth in Pharmacology. Introductory Remarks, **24**, 444, 1960.
Graduate Enrollment Data, September, 1963 and Graduate Study in Member Colleges, 1964-1965, **28**, 94, 1964.
Graduate Enrollment Data, September, 1964 and Graduate Study in Member Colleges, 1965-1966, **29**, 107, 1965.
Orientation of the Graduate Student, **28**, 763, 1964.
Report of the Committee on Graduate Programs, **28**, 532, 1964; **29**, 408, 1965.

T

- Tatum, Julien R.**
Instruction in Ethics in Schools of Pharmacy, **28**, 404, 1964.
- Taylor, Elmore H.**
A Practical, Thin-layer Chromatography Technique for an Undergraduate Pharmacognosy Laboratory, **28**, 205, 1964.
- Teare, F. W.**
A Course in Quantitative Pharmaceutical Analysis, **29**, 721, 1965.
- Terry, R. E.**
Memorial to E.R. Series, **21**, 167, 1957.
- Thomasson, C. Larry**
Bibliography of Books and Reference Works Relating to the Professional Courses in the Pharmaceutical Curriculum. Part I, **27**, 266, 1963; Part II, **27**, 361, 1963.
- Thompson, H. O.**
Report of the Special Committee on the Use of the Term "Pharmaceutics," **28**, 556, 1964.
- Tice, Linwood F.**
P. C. P. & S. and the University of the Air, **27**, 454, 1963.
Report of the AACP-NABP Joint Committee to Redefine the Term "Pharmacy," **24**, 64, 1960; **25**, 101, 1961.

- Report of the Committee on Constitution and Bylaws, **25**, 41, 388, 1961.
 Report of the Committee on Future Enrollment Problems, **22**, 310, 1958.
 Report of the Representatives to the National Drug Trade Conference, **21**, 271, 1957; **22**, 336, 1958.
 Specialization in Pharmaceutical Education, **24**, 427, 1960.
 Specialized Courses in Continuing Education, **23**, 23, 1959.
- Tsao, Daniel P. N.**
 The Graduate Course in Biogenesis at the University of Rhode Island, **27**, 226, 1963.
- Tuck, L. D.**
 A Course in Physical Measurements and Instrumentation, **23**, 544, 1959.
- Turner, Edward P.**
 Liberal Studies in Continuing Education, **30**, 491, 1966.
- Tye, Arthur**
 Memorial to A.C. Lytle, Jr., **27**, 641, 1963.
- Tyler, Varro E., Jr.**
 Graduate Enrollment Data, September, 1965 and Graduate Study in Member Colleges, 1966-1967, **30**, 86, 1966.
 How I Keep Up to Date in My Specialty—Pharmacognosy, **24**, 406, 1960.
 The Necessity of Keeping Up to Date in Pharmacognosy, **24**, 464, 1960.
 Private Die Proprietary Medicine Stamps, **23**, 207, 1959.
 Report of the Committee on Graduate Programs, **30**, 364, 1966.
 A Sabbatical Year in Germany (Faculty Forum), **28**, 424, 1964.
 The Warp and Woof of Pharmacognosy and Pharmaceutical Chemistry, **26**, 491, 1962.
- U**
- Uhl, A. H.**
 Introductory Statements (Part of a Symposium: Supply and Demand of Ph.D. Pharmacists), **21**, 346, 1957.
- Ulliot, Glenn E.**
 A Challenge to Colleges of Pharmacy to Train Medicinal Chemists, **28**, 183, 1964.
- V**
- Vacik, James P.**
 Guidelines for Developing a Course of Instruction in Radiopharmacy (Faculty Forum), **27**, 136, 1963.
- Valette, G.**
 Impressions of a Mission to Lebanon and Yugoslavia, **22**, 62, 1958.
- VanderWyk, Raymond W.**
 Antibiotic Testing, **22**, 227, 1958.
- Van Horne, Robert L.**
 Achieving Depth in the Specialties—Pharmacognosy, **24**, 431, 1960.
 Memorial to C.E. Mollett, **28**, 132, 1964.
 Report of the Committee on the Status of Pharmacists in the Government Service, **21**, 262, 1957.
 Suggestions for Updating the Teaching of Pharmacognosy, **26**, 496, 1962.
- Vincent, Muriel C.**
 The Graduate Hospital Pharmacy Program at North Dakota Agricultural College, **24**, 351, 1960.
- Voigt, John L.**
 Pharmaceutical Extension Service, **23**, 9, 1959.
 The Use of Pharmaceutical Extension in Developing the Case-Problem Method in Pharmacy Administration, **21**, 149, 1957.
- Voigt, Ralph F.**
 Report of the Committee on Audio-Visual Education, **22**, 308, 1958; **24**, 39, 1960; **25**, 64, 1961.
- Volwiler, Ernest H.**
 Research in the Pharmaceutical Industry Today, **22**, 127, 1958.
- W**
- Wakefield, Howard**
 The Preceptor-Intern Relationship, **25**, 227, 1961.
- Waldon, Curtis H.**
 Report of the Committee on Public Health and Civil Defense, **25**, 415, 1961; **26**, 331, 1962; **27**, 584, 1963.
 Report of the Committee on Relationships of Boards and Colleges of Pharmacy, **22**, 301, 1958.
 Report of the Representative to the American Association for the Advancement of Science, **26**, 341, 1962.
- Walker, George C.**
 The Faculty of Pharmacy University of Toronto, **28**, 360, 1964.
- Walsh, Frank A.**
 Programmed Instruction, **28**, 749, 1964.
- Waters, Kenneth L.**
 Continuing Education in Pharmacy at Georgia, **23**, 19, 1959.
 Educational Television: An Opportunity for Pharmacy, **27**, 445, 1963.
 Memorial to B.M. Gilbert, **21**, 304, 1957.
 Report of the Committee on Continuation Studies, **22**, 330, 1958; **24**, 63, 1960; **25**, 98, 1961.
 Report of the Committee on Resolutions, **27**, 569, 1963.

- Watkins, C. Eugene**
Opinions on Continuing Education, **27**, 426, 1963.
- Weaver, Warren E.**
Hospital Pharmacy, **23**, 364, 1959.
Memorial to J.K. Finnegan, **23**, 613, 1959.
Memorial to H.B. Haag, **26**, 135, 1962.
Memorial to W.H. Hartung, **26**, 134, 1962.
Memorial to J.H. Weatherby, **27**, 643, 1963.
Report of the Committee on Hospital Pharmacy Education, **22**, 331, 1958; **24**, 64, 1960; **25**, 99, 1961.
Report of the Joint Committee on Hospital Pharmacy, **25**, 412, 1961; **28**, 547, 1964.
- Webster, George L.**
Examination Techniques, **29**, 57, 1965.
Horizons in Pharmaceutical Education, **24**, 398, 1960.
Minutes of the Annual Meeting, Executive Committee, American Association of Colleges of Pharmacy, **21**, 278, 1957; **22**, 342, 1958; **24**, 80, 1960; **25**, 311, 1961.
Minutes of the Interim Meeting, Executive Committee, American Association of Colleges of Pharmacy, **21**, 49, 1957; **22**, 81, 1958; **23**, 98, 1959; **24**, 219, 1960.
Minutes of the Post-Session Meeting, Executive Committee, American Association of Colleges of Pharmacy, **21**, 285, 1957; **22**, 349, 1958; **24**, 86, 1960; **25**, 319, 1961.
Report of the Delegates to the American Council on Education, **21**, 269, 1957; **22**, 333, 1958; **24**, 212, 1960; **25**, 303, 1961; **26**, 223, 1962; **27**, 292, 1963.
Report of the Delegates to the American Foundation for Pharmaceutical Education, **24**, 68, 1960.
Report of the Secretary-Treasurer, **21**, 208, 1957; **22**, 279, 1958; **24**, 13, 1960; **25**, 27, 1961.
Report of the Special Committee on Internship Training, **30**, 375, 1966.
- Weeks, James R.**
Recent Advances in Pharmacology Research, **22**, 420, 1958.
- Weiner, N. D.**
A Student Experiment in Physical Pharmacy: Effect of pH on the Partition Coefficient of a Slightly Soluble Weak Acid, **30**, 192, 1966.
- Weishaar, D. A.**
Hospital Pharmacy: A Challenging Opportunity, **30**, 31, 1966.
- Wellington, John S.**
A Course in General Pathology for Students of Pharmacy, **24**, 296, 1960.
- Weltzin, J. Frederick**
The Place of Science in Education, **23**, 82, 1959.
- Wenzel, Duane G.**
Report of the Committee on Undergraduate Awards, **29**, 403, 1965.
The Role of the Laboratory in Undergraduate Pharmacology, **29**, 553, 1965.
- Westby, Rolf**
How the American Society of Pharmacognosy is Aiding Pharmaceutical Education (Faculty Forum), **26**, 536, 1962.
- White, Allen I.**
Report of the Committee on Continuation Studies, **30**, 362, 1966.
Report of the Committee on Recruitment Aids, **28**, 549, 1964; **29**, 410, 1965; **30**, 371, 1966.
A Stimulant for Inorganic Pharmaceutical Chemistry, **21**, 383, 1957.
- White, Eugene V.**
Are Pharmacy Teachers Educating Pharmacy Students for Their Jobs? (Faculty Forum), **30**, 499, 1966.
- Wiese, Gail A.**
Memorial to Z.M. Cooper, **25**, 477, 1961.
- Wilcox, P. W.**
An Industrial Pharmacist's Viewpoint of What Should be Taught in the Undergraduate Course in Manufacturing Pharmacy, **23**, 539, 1959.
The Pharmacist in Industry, **21**, 110, 1957.
- Wiley, Robert A.**
Instrumental Techniques in a Pharmaceutical Chemistry Curriculum, **29**, 731, 1965.
- Williams, Franklin S.**
Fundamentals of Professional Management, **23**, 277, 1959.
- Wilson, Charles O.**
Report of the Committee on Educational Policies, **28**, 520, 1964.
- Wilson, Stephen**
Achieving Depth in Pharmacy Administration, **24**, 445, 1960.
Panel: Curriculum and Syllabi for Courses in Pharmacy Administration—Five Year Program, Principles of Economics in the Five Year Curriculum, **22**, 480, 1958.
Report of the Committee on Future Enrollment Problems, **25**, 67, 409, 1961; **26**, 326, 1962.
- Worrell, Lee**
Memorial to C.H. Stocking, **22**, 243, 1958.

Wurdack, Paul J.

An Insight into Hospital Pharmacy Practice for Undergraduate Pharmacy Students, **29**, 251, 1965.

Y

Youngken, Heber W., Jr.

Graduate Education in Pharmacognosy, **23**, 343, 1959.

Report of the Committee on Audio-Visual Education, **21**, 238, 1957.

Report of the Committee on Curriculum, **25**, 42, 389, 1961.

Z

Zachert, Martha Jane K.

Bibliography of Books and Reference Works Relating to the Professional Courses in the Pharmaceutical Curriculum, Part I, **27**, 266, 1963; Part II, **27**, 361, 1963.

The Library's Responsibility to the Pharmacy Faculty, **22**, 77, 1958.

Zimmer, Arthur J.

The Course in Inorganic Pharmaceutical Chemistry (Faculty Forum), **28**, 246, 1964.

Zografi, George

The Physical Pharmacy Laboratory, **26**, 523, 1962.

Zopf, Louis C.

Address of the President, **24**, 1, 1960.

The Buttress of Pharmaceutical Education (President's Section), **23**, 459, 1959.

The Delineation of the Professional Disciplines, **24**, 414, 1960.

President's Section, **22**, 526, 1958.

Report of the Chairman of the Executive Committee, **21**, 210, 1957; **22**, 281, 1958.

Report of the Special Committee on Full-time Secretary and Headquarters, **25**, 104, 1961.

Take Care (President's Section), **23**, 284, 1959.

The Value of Continuity in Organization (President's Section), **23**, 106, 1959.

Zupko, Arthur

Experiences with a Survey Course in Pharmacology, **21**, 136, 1957.

Four Years of Experience with a Postgraduate Guidance Program at Brooklyn College of Pharmacy, **24**, 336, 1960.

In-service Teaching Seminars at the Brooklyn College of Pharmacy, **26**, 58, 1962.

Report of the Committee on Civil Defense Education, **22**, 309, 1958.

Report of the Committee on Continuation Studies, **25**, 407, 1961; **26**, 325, 1962; **27**, 578, 1963.

A Survey of Refresher Programs Offered the Pharmacist by Colleges of Pharmacy, **21**, 16, 1957.

INDEX TO SUBJECTS AND TITLES

A

Abilities Required of Hospital Pharmacists (Addendum to the Report of the Joint Committee on Hospital Pharmacy), **26**, 328, 1962.

Academic Factors Related to Success in Community Pharmacy Management, C.L. Braucher and R.V. Evanson, **28**, 56, 1964.

Academic Preparation for Graduate Study in the Five Year Professional Pharmacy Curriculum, G.L. Jenkins and J.E. Christian, **23**, 367, 1959.

Accelerated Program (President's Section), C.W. Bliven, **24**, 225, 1960.

Accounting in the Pharmacy Curriculum, A Method of Achieving the Objectives of, (Part of a Panel: Curriculum and Syllabi for Courses in Pharmacy Administration—Five Year Program), J.D. McEvilla, **22**, 474, 1958.

Accreditation

From Medicine Chests to, W.K. Selden, **27**, 1, 1963.

Pharmacy Looks at, M.W. Green, **23**, 430, 1959.

Achievement in General College Chemistry versus Scores from Various Entrance Tests, A.J. Perkins, **21**, 387, 1957.

Achieving Depth

in Pharmacology. Introductory Remarks, E.A. Swinyard, **24**, 444, 1960.

in Pharmacy Administration, Stephen Wilson, **24**, 445, 1960.

in the Specialties—Pharmacognosy, R.L. Van Horne, **24**, 431, 1960.

Act (Pharmacy), Problems Encountered in Revision of a, T.D. Rowe, **21**, 10, 1957.

Address

•A No-Title, Ernest Sirluck, **29**, 781, 1965.

of the President, C. W. Bliven, **25**, 15, 1961; R.A. Bowers, **28**, 480, 1964; H.M. Burlage, **25**, 363, 1961; P.A. Foote, **27**, 525, 1963; G.P. Hager (He Knows and They Should Know That He Knows), **30**, 305, 1966; H.G. Hewitt, **21**, 193, 1957; J.E. Orr (Gains, Goals, and Gratitude), **29**, 364, 1965; L.M. Parks, **26**, 279, 1962; T.D. Rowe, **22**, 269, 1958; L.C. Zopf, **24**, 1, 1960.

of the Vice President, C.W. Bilven, **24**, 9, 1960; R.A. Bowers, **27**, 531, 1963; H.M. Burlage, **25**, 21, 1961; E.P. Claus (Escalating Educational Effectiveness), **30**, 311, 1966; P.A. Foote, **26**, 286, 1962; G.P. Hager (Aspirations of a Pharmaceutical Educator), **29**, 372, 1965; J.F. McCloskey, **22**, 276, 1958; J.E. Orr, **28**, 487, 1964; L.M. Parks, **25**, 369, 1961; T.D. Rowe, **21**, 204, 1957.

- Administering the AACP's Oath for Pharmacy Graduates** (President's Section), R.A. Bowers, **28**, 269, 1964.
- Administration (Pharmacy)**
See Pharmacy Administration.
- Administrative Regulations for Joint Committee of American Association of Colleges or Pharmacy and American Society of Hospital Pharmacists**, **25**, 100, 1961.
- Administrator, Responsibility of the, in Keeping Up to Date**, H.G. Hewitt, **24**, 451, 1960.
- Administrators and Teachers**
Degrees Held by Full-time, 1961-1962 (Addendum C of 1961 Minutes of the Interim Meeting), **26**, 116, 1962.
Years of Service by Full-time, 1961-1962 (Addendum B of 1961 Minutes of the Interim Meeting), **26**, 115, 1962.
- Adventures in Course and Curriculum Building. I. Visiting Lecturer Series**, H.M. Burlage, **24**, 170, 1960.
- Aerosols, Guidelines for Developing a Course of Instruction in** (Faculty Forum), J.J. Sciarra, **27**, 121, 1963.
- Allergy, A Pharmacognosist's Contribution to the Field of**, E.P. Claus, **23**, 259, 1959.
- American Association for the Advancement of Science**
Report of the Delegate to the, A.J. Bartilucci, **25**, 310, 1961; J.M. Cross, **21**, 269, 1957; D.L. Deardorff, **24**, 356, 1960; N.E. Foss, **24**, 66, 1960.
Report of the Representative to the, H.B. Kostenbauder, **27**, 291, 1963; C.H. Waldon, **26**, 341, 1962.
- American Association of Colleges of Pharmacy**
Administrative Regulations for the Joint Committee with American Society of Hospital Pharmacists, **25**, 100, 1961.
Committee Appointments and Other Information, 1957-58, **21**, 292, 1957; 1958-59, **22**, 363, 1958; 1959-60, **24**, 102, 1960; 1960-61, **25**, 159, 1961; 1961-62, **25**, 449, 1961; 1962-1963, **26**, 368, 1962; 1963-1964, **27**, 619, 1963; 1964-1965, **28**, 584, 1964; 1965-1966, **29**, 439, 1965; 1966-1967, **30**, 409, 1966.
Conference of Teachers, Report of the Secretary-Treasurer of, E.P. Claus, **21**, 439, 1957; J.H. Kern, **22**, 522, 1958; J.H. Kern, **23**, 602, 1959.
Constitution and Bylaws of the, **24**, 88, 1960; **25**, 459, 1961; **30**, 422, 1966.
Continuity in Organization of the (President's Section), **23**, 106, 1959.
and Deans (Editorial), M.R. Gibson, **23**, 609, 1959.
Delegates and Representatives to the Fifty-ninth (1958) Annual Meeting, **22**, 365, 1958; Sixtieth (1959) Annual Meeting, **24**, 105, 1960; Sixty-first (1960) Annual Meeting, **25**, 161, 1961; Sixty-second (1961) Annual Meeting, **25**, 452, 1961; Sixty-third (1962) Annual Meeting, **26**, 371, 1962; Sixty-fourth (1963) Annual Meeting, **27**, 622, 1963; Sixty-fifth (1964) Annual Meeting, **28**, 587, 1964; Sixty-sixth (1965) Annual Meeting, **29**, 442, 1965; Sixty-seventh (1966) Annual Meeting, **30**, 412, 1966.
Greetings from the, R.A. Bowers, **28**, 656, 1964; G.P. Hager, **29**, 662, 1965.
Guide for Association Officers, Committees, and Representatives, **26**, 380, 1962.
Institutions Holding Membership in the, **21**, 289, 1957 (see correction, **21**, 449, 1957); **22**, 360, 1958; **24**, 99, 1960; **25**, 155, 455, 1961; **26**, 374, 1962; **27**, 625, 1963; **28**, 590, 1964; **29**, 445, 1965; **30**, 415, 1966.
Meetings, Change in Time and Place of (President's Section), C.W. Bliven, **23**, 607, 1959.
Past Places of Meeting and Past Officers, **21**, 296, 1957; **22**, 367, 1958; **24**, 107, 1960; **25**, 163, 459, 1961; **26**, 378, 1962; **27**, 638, 1963; **28**, 595, 1964; **29**, 450, 1965; **30**, 420, 1966.
Report of Degrees Conferred by for the Academic Year 1959-1960, **25**, 110, 1961; for the Academic Year 1960-1961, **26**, 70, 1962; for the Academic Year 1961-1962, **27**, 87, 1963; for the Academic Year 1963-1964, **28**, 72, 1964; for the Academic Year 1963-1964, **29**, 83, 1965; for the Academic Year 1964-1965, **30**, 62, 1966.
- American Council on Education**
Report of the Delegate to the, K.L. Kaufman, **24**, 66, 1960; G.L. Webster, **25**, 303, 1961; G.L. Webster, **26**, 223, 1962; G.L. Webster, **27**, 292, 1963.
Report of the Delegates to the, G.L. Webster and K.L. Kaufman, **21**, 269, 1957; **22**, 333, 1958; **24**, 212, 1960.
- American Council on Pharmaceutical Education**
Report of the Secretary of the, P.H. Costello, **21**, 215, 1957; **22**, 285, 1958; **24**, 22, 1960; **25**, 31, 381, 1961.
Report of the Secretary of the, F.T. Mahaffey, **26**, 300, 1962; **27**, 553, 1963; **28**, 505, 1964; **29**, 387, 1965; **30**, 345, 1966.

- American Foundation for Pharmaceutical Education**
Annual Report of the Secretary and Executive Director of the, W.P. Briggs, **21**, 274, 1957; **22**, 339, 1958.
Greetings from the, W.P. Briggs, **24**, 397, 1960; **28**, 654, 1964; **29**, 659, 1965.
Report of the Delegates to the, H.H. Schaefer, **21**, 270, 1957; H.H. Schaefer, **22**, 334, 1958; G.L. Webster, **24**, 68, 1960; C.W. Bliven, **25**, 421, 1961; C.W. Bliven, **26**, 219, 1962.
Report of the Directors of the, C.W. Bliven, **27**, 296, 1963; C.W. Bliven, **28**, 560, 1964; C.W. Bliven, **29**, 416, 1965; C.W. Bliven, **30**, 380, 1966.
- American Journal of Pharmaceutical Education**
Anniversary Greetings to Our Journal, H.M. Burlage, **25**, 12, 1961.
"Lyman's Journal," Ernest Little, **25**, 10, 1961.
Our Journal in the Next Twenty-five Years, H.G. Hewitt, **25**, 13, 1961.
Report of the Editor of the, M.R. Gibson, **21**, 218, 1957; **22**, 288, 1958; **24**, 25, 1960; **25**, 37, 1961.
Report of the Editor of the, C.B. Granberg, **25**, 385, 1961; **26**, 306, 1962; **27**, 559, 1963; **28**, 510, 1964; **29**, 393, 1965; **30**, 351, 1966.
- American Pharmaceutical Association**
House of Delegates Meeting, Report of the Delegate to the, J.G. Adams, **25**, 136, 1961; **26**, 93, 1962; **27**, 112, 592, 1963.
House of Delegates Meeting, Report of the Delegate to the, C.W. Bliven, **22**, 517, 1958.
House of Delegates Interim Meeting, Report of the Delegate to the, C.W. Bliven, **21**, 156, 1957; **22**, 336, 1958; **23**, 282, 1959.
Scientific Exhibits at the Annual Meeting of the, W.J. Burns and G.B. Griffenhagen, **26**, 530, 1962.
- American Medical Colleges, The Association of, Lee Powers, 24, 149, 1960.**
- American Society of Hospital Pharmacists**
(Administrative Regulations for Joint Committee of American Association of Colleges of Pharmacy and), **25**, 100, 1961.
- American Society of Pharmacognosy (How the) is Aiding Pharmaceutical Education**
(Faculty Forum), L.R. Brady, **26**, 532, 1962; N.R. Farnsworth, **26**, 534, 1962; Rolf Westby and G.H. Svoboda, **26**, 536, 1962.
- American West, Pharmacy and the Development of the (Faculty Forum), G.E. Osborne, 29, 140, 1965.**
- Analysis**
(An) of the Economic Advantages of Education vs. Industry in Pharmacy, R.V. Evanson, **26**, 24, 1962.
Instrumental Methods of, N.L. Michener, **21**, 38, 1957.
(Pharmaceutical)
A Course in Quantitative, F.W. Teare, **29**, 721, 1965.
Inorganic Chemistry and at Rutgers—A Combined Course, C.A. Discher and Thomas Medwick, **29**, 489, 1965.
Instrumental Requirements for an Adequate Course in, B.F. Grabowski, **29**, 533, 1965.
in the Professional Curriculum, Einar Brochmann-Hanssen, **29**, 538 1965.
Student Experiments in. I. Separation of Aspirin, Acetophenetidin, and Caffeine by Thin-layer Chromatography, K.A. Connors and S.P. Eriksen, **28**, 161, 1964; II. Nonaqueous Titration of Bases, K.A. Connors, **28**, 168, 1964; III. Quantitative Analysis of Aminopyrine and Antipyrine by Column Partition Chromatography, K.A. Connors, **28**, 384, 1964; IV. Colorimetric Analysis of Aromatic Amines by Diazotization and Coupling, K.A. Connors, **29**, 29, 1965; V. Kjeldahl Determination of Nitrogen without Distillation, J.L. Cohen and K.A. Connors, **29**, 245, 1965; VI. Determination of Ephedrine and Phenobarbital by Liquid-Liquid Extraction, J.E. Kelsey and K.A. Connors, **29**, 500, 1965; VII. A Simple Apparatus for the Demonstration of Countercurrent Distribution, K.A. Connors and S.P. Eriksen, **29**, 509, 1965.
Teaching Beginning Quantitative in the Sixties (Faculty Forum), F.E. DiGangi, **28**, 233, 1964.
- Anatomy (Human) in the Pharmacy Curriculum, R.D. Coleman, 24, 291, 1960.**
- Ancillary Areas of Pharmacology Important to Pharmacists, M.J. Rodman, 28, 678, 1964.**
- An Electrical Caliper Myograph, L.A. Geddes, H.E. Hoff, A. Moore, and M. Hinds, 30, 209, 1966.**
- Animal Health Pharmacy, N.M. Ferguson, 24, 314, 1960.**
- Anniversary Greetings to Our Journal, H.M. Burlage, 25, 12, 1961.**

- Announcements**, 21, 64, 162, 303, 447, 1957; 22, 98, 1958; 23, 112, 288, 467, 611, 1959; 24, 109, 232, 362, 535, 1960; 25, 165, 327, 469, 598, 1961; 26, 124, 240, 399, 545, 1962; 27, 161, 325, 488, 632, 1963; 28, 122, 273, 441, 608, 1964; 29, 154, 328, 452, 609, 1965; 30, 157, 273, 429, 507, 1966.
- Annual Meetings, Report of the Task Force on**, R.A. Bowers, 29, 414, 1965; 30, 376, 1966.
- Annual Pharmacy Lectures—University of Michigan**, T.D. Rowe, 23, 15, 1959.
- Anslinger, Harry J., Remington Honor Medal Citation for**, H.H. Schaefer, 27, 116, 1963.
- Antibiotic Testing**, R.W. VanderWyk, 22, 227, 1958.
- Antibiotics (The Importance and Place of) Instruction in the Pharmacy Curriculum**, Robertson Pratt, 26, 502, 1962.
- Antihypertensive Drugs, A Classical Lecture**, T.R. Sherrod, 28, 726, 1964.
- Antiseptics and Disinfectants, Early History of**, G.F. Reddish, 23, 197, 1959.
- Apparatus (A Simple) for the Demonstration of Countercurrent Distribution, Student Experiments in Pharmaceutical Analysis. VII.**, K.A. Connors and S.P. Eriksen, 29, 509, 1965.
- Apparatus (Disintegration) for the Undergraduate Pharmaceutical Preparations Laboratory, A Low-cost**, R.F. Childs and J.R. Cole, 23, 418, 1959.
- Application (The) of Group Thinking Techniques to the Problems of Pharmaceutical Education**, L.H. Bristol, Jr., 22, 143, 1958.
- Application (The) of Programmed Learning Techniques to Selected Material in a Professional Curriculum**, C.M. Finelli and R.W. Sager, 26, 190, 1962.
- Appraisal (An) of Colleges of Pharmacy Tours of Industrial Pharmacy Companies**, Edward Stempel, 28, 18, 1964.
- Appraisal (An) of Graduate Education in Pharmacognosy**, A.E. Schwarting, 23, 340, 1959.
- Apprenticeship (The Year of) its Use and Misuse**, V.J. Brown, 26, 39, 1962.
- Approach (An) to Graduate Training in Pharmaceutical Chemistry**, John Andrako, 28, 175, 1964.
- Arabic Medicine, Chemical Therapy in Tenth Century**, Sami Hamarneh, 26, 12, 1962.
- Are Pharmacy Teachers Educating Pharmacy Students for Their Jobs? (Faculty Forum)**, R.J. Gillespie, 30, 494, 1966; H.F. Kabat, 30, 496, 1966; H.W. Pratt, 30, 498, 1966; E.V. White, 30, 499, 1966.
- Arithmetical Concepts, Teaching of**, J.A. Kearns, 21, 20, 1957.
- Anthropod-borne Communicable Diseases (Faculty Forum)**, T.S. Kallelis, 29, 596, 1965.
- Aspirations of a Pharmaceutical Educator, Address of the Vice President**, G.P. Hager, 29, 372, 1965.
- Assaying (Drug) by Functional Group Analysis, A Course in**, J.E. Gearien, 22, 467, 1958.
- Attitude (Professional) and Education**, R.E. Kremers, 23, 241, 1959.
- Attitudes (The) of Teachers in Continuing Education Programs**, Edward Stempel, 29, 225, 1965.
- Audio-Visual Education**
Report of the Committee on, R.J. Ger-
raughty, 28, 531, 1964; 29, 405, 1965;
30, 361, 1966.
Report of the Committee on, E.J. Ireland,
25, 405, 1961; 26, 324, 1962; 27, 577,
1963.
Report of the Committee on, R.F. Voigt,
22, 308, 1958; 24, 39, 1960; 25, 64, 1961.
Report of the Committee on, H.W. Young-
ken, Jr., 21, 238, 1957.
- Auditor (Commercial), Report of the**
F.C. Kurtz, 26, 95, 1962; 27, 117, 1963;
28, 100, 1964; 29, 114, 1965; 30, 93,
1966.
A.J. Schneider, 24, 96, 1960; 25, 117, 1961.
- Auditors (Commercial) Report of the**, Icer-
man, Johnson & Hoffman, 21, 47, 1957.
- Autonomic Pharmacology, New Ideas in**, R.P. Ahlquist, 28, 708, 1964.
- Avenue (An) to Orientation to the Profes-
sion**, M.W. Green, 24, 277, 1960.

B

- Background (The) of the Teacher Necessary to Achieve Depth**, Egil Ramstad, 24, 439, 1960.
- Bacteriology, Textbooks in**, Michael Iannarone, 25, 586, 1961.
- Baghdad, Visiting as a Lecturer in Pharmacy (Faculty Forum)**, J.N. Bone, 28, 413, 1964.
- Ballard, C.W., Memorial to**, E.E. Leuallen, 27, 639, 1963.

- Basic Science Degree Program, The Place of a Four-year in Pharmaceutical Education**, D.H. Murray, **30**, 230, 1966.
- Belgian Pharmaceutical Education**, T.O. King and Aubin Heyndrickx, **22**, 28, 1958.
- Bibliographic**
Materials in English Relating to the History of Pharmacognosy, J.H. Hoch, **23**, 154, 1959.
A Review of the History of Pharmaceutical Chemistry (With Particular Reference to German Literature), Wolfgang Schneider, **23**, 161, 1959.
- Bibliography (A)**
of Books and Reference Works Relating to the Professional Courses in the Pharmaceutical Curriculum, M.J. Zachert and C.L. Thomasson, Part I, **27**, 266, 1963; Part II, **27**, 361, 1963.
Liberal Education and American Pharmacy, K.P. Bunnell, **23**, 59, 1959.
(Selected) of Pharmacy in Latin America, G.S. Gittinger, **23**, 424, 1959.
- Binomial Equation, Chromatography and the**, S. P. Eriksen, **29**, 518, 1965.
- Biochemical Pharmacology, Newer Developments in**, S.E. Mayer, **28**, 711, 1964.
- Biochemistry**
in a Pharmaceutical Chemistry Curriculum, B.E. Riedel, **29**, 743, 1965.
in Schools and Colleges of Pharmacy, The Status of, D.M. Stuart, **21**, 379, 1957.
Should We Teach More? (Faculty Forum), R.L. Beamer, **26**, 228, 1962; M.L. Borke, **26**, 230, 1962; A.C. Core, **26**, 231, 1962; Gary Omodt, **26**, 232, 1962; H.A. Swartz, **26**, 234, 1962.
- Biographical Sketch (A)**
President Charles W. Bliven, M.R. Gibson, **23**, 499, 1959.
President Roy A. Bowers, C.B. Granberg, **27**, 519, 1963.
President H.M. Burlage, M.R. Gibson, **24**, 389, 1960.
President Edward P. Claus, C.B. Granberg, **30**, 299, 1966.
President Perry A. Foote, C.B. Granberg, **26**, 273, 1962.
President G.P. Hager, C.B. Granberg, **29**, 357, 1965.
President Jack E. Orr, C.B. Granberg, **28**, 475, 1964.
President Lloyd M. Parks, C.B. Granberg, **25**, 359, 1961.
President Louis C. Zopf, M.R. Gibson, **22**, 399, 1958.
- Biological Education, Trends in**, K.H. Bush, **29**, 1, 1965.
- Biological Products, A Course in**, Louis Gershenfeld, **24**, 285, 1960.
- Bionucleonics, Guidelines for Developing a Course of Instruction in** (Faculty Forum), W.F. Bousquet, **27**, 125, 1963.
- Biopotentials, Fundamentals of and Their Measurement**, Alan Kahn and F.P. Sattler, **28**, 805, 1964.
- Biopotentials, Magnetic Tape Storage of**, H.I. Runion and C.C. Riedesel, **29**, 524, 1965.
- Biosynthesis, The Position and Scope of in Undergraduate Pharmacognosy**, L.R. Brady, **28**, 49, 1964.
- Births (New Little People)**, **21**, 69, 171, 307, 452, 1957; **22**, 105, 248, 375, 535, 1958; **23**, 114, 295, 472, 615, 1959; **24**, 114, 242, 365, 541, 1960; **25**, 169, 328, 472, 600, 1961; **26**, 129, 241, 402, 548, 1962; **27**, 167, 328, 492, 634, 1963; **28**, 127, 276, 443, 610, 1964; **29**, 157, 330, 454, 611, 1965; **30**, 160, 276, 430, 508, 1966.
- Bit (A) of Ribbon**, R.A. Lyman, Jr., **24**, 146, 1960.
- Blake, L.S., Memorial to**, S.T. Coker, **24**, 113, 1960.
- Blank, Philip, Memorial to**, anon., **27**, 495, 1963.
- Bliven, Charles W., President, A Biographical Sketch**, M.R. Gibson, **23**, 499, 1959.
- Board of Pharmacy Membership, Should (it) be Restricted to Retail Pharmacists?**, A.J. Sica, **29**, 50, 1965.
- Boards and Colleges of Pharmacy**
Officers of Districts of, **22**, 365, 1958.
Report of the Committee on Relationships of, R.W. Clark, **24**, 33, 1960; L.L. Eisenbrandt, **25**, 55, 1961; L.E. Gale, **25**, 397, 1961; L.E. Gale, **26**, 314, 1962; L.E. Gale, **27**, 566, 1963; S.J. Greco, **28**, 523, 1964; S.J. Greco, **29**, 399, 1965; S.J. Greco, **30**, 355, 1966; F.J. O'Brien, **21**, 231, 1957; C.H. Waldon, **22**, 301, 1958.
- Boards (State Pharmacy), A Proposed New Role for** (Faculty Forum), John Autian, **27**, 301, 1963; V.N. Bhatia, **27**, 309, 1963; A.M. Galinsky, **27**, 311, 1963; F.C. Hamnerness, **27**, 314, 1963; G.D. Redman, **27**, 316, 1963.
- Boost-Columbia (The) Plan for Pharmaceutical Education, the First Application of Group Ideation to the Curriculum Development**, Leon Roon and E.E. Leuallen, **22**, 147, 1958.

Book Reviews, 21, 74, 179, 316, 465, 1957; 22, 113, 255, 388, 546, 1958; 23, 123, 308, 486, 627, 1959; 24, 123, 252, 375, 551, 1960; 25, 177, 338, 486, 610, 1961; 26, 140, 250, 414, 560, 1962; 27, 174, 340, 501, 649, 1963; 28, 136, 289, 457, 621, 1964; 29, 166, 338, 469, 622, 1965; 30, 170, 282, 440, 519, 1966.

Books (Bibliography of) and Reference Works Relating to the Professional Courses in the Pharmaceutical Curriculum, M.J.K. Zachert and C.L. Thomasson, Part I, 27, 266, 1963; Part II, 27, 361, 1963.

Books, New, 21, 84, 190, 323, 479, 1957; 22, 124, 267, 395, 555, 1958; 23, 141, 319, 497, 638, 1959; 24, 133, 262, 385, 567, 1960; 25, 194, 354, 506, 606, 1961; 26, 162, 269, 436, 573, 1962; 27, 190, 358, 516, 669, 1963; 28, 158, 304, 472, 637, 1964; 29, 178, 354, 485, 641, 1965; 30, 185, 296, 454, 534, 1966.

Bowers, Roy A., President, A Biographical Sketch, C.B. Granberg, 27, 519, 1963.

Bradt, F.T., Memorial to, H.E. Bailey and R.T. Lakey, 25, 171, 1961.

Brainstorming

(Group Ideation) The First Application of to Curriculum Development, The Bobst-Columbia Plan for Pharmaceutical Education, Leon Roon and E.E. Leuallen, 22, 147, 1958.

(Group Thinking), the Application of Techniques of to the Problems of Pharmaceutical Education, L.H. Bristol, Jr., 22, 143, 1958.

Break-even Point (The Study of the) in the Teaching of Pharmacy Administration, Haakon Bang and J.H. Block, 26, 516, 1962.

Briggs, W. Paul, Remington Honor Medal Citation for, H.H. Schaefer, 22, 80, 1958.

Brooklyn College of Pharmacy

Four Years of Experience with a Postgraduate Guidance Program at, Isidore Greenberg and A.G. Zupko, 24, 336, 1960.

In-service Teaching Seminars at the, C.L. Riess and A.G. Zupko, 26, 58, 1962.

Brown, C.M., Memorial to, F.W. Bope, 25, 479, 1961.

Burlage, Henry M., President, A Biographical Sketch, M.R. Gibson, 24, 389, 1960.

Business Courses in the Pharmacy Curriculum, J.F. McCloskey, 21, 397, 1957.

Bylaws

Conference of Teachers, 22, 352, 1958. and Constitution, of the American Association of Colleges of Pharmacy, 24, 88, 1960; 25, 461, 1961; 30, 422, 1966.

Report of the Committee on Constitution and, 27, 562, 1963; R.O. Bachmann, 30, 352, 1966; R.A. Bowers, 26, 310, 1962; J.B. Burt, 22, 290, 1958; J.B. Burt, 24, 28, 1960; E.E. Leuallen, 28, 516, 1964; E.E. Leuallen, 29, 395, 1965; J.E. Orr, 21, 220, 1957; L.F. Tice, 25, 41, 388, 1961.

By What We Will be Known? (Editorial), C.B. Granberg, 25, 152, 1961.

C

Calculations (Pharmaceutical)

and Introductory Pharmacy, A Five Year Grade Study of Pharmacy Students in the Courses, H.M. Burlage, 22, 193, 1958.

A Programmed Text in, W.A. Lowenthal, 30, 212, 1966.

Should be Integrated with Other Pharmacy Courses, S.V. Susina, 22, 428, 1958.

Should be Taught as a Separate Course, W.E. Lange, 22, 433, 1958.

A State Board Member's View of, W.E. Powers, 22, 436, 1958.

with Vision, Howard Ansel, 27, 235, 1963.

Calculus

(The Teaching of) in Colleges of Pharmacy, R.A. Grundman, 26, 165, 1962.

(Should) and Physical Chemistry be Required of all Undergraduates?, G.J. Hite, 25, 574, 1961.

(Should) and Physical Chemistry be Required in the Undergraduate Pharmacy Curriculum?, J.M. Cross, 25, 580, 1961.

Can Pharmacy Participate in an Honors Program? V.N. Bhatia, 24, 328, 1960.

Canada, Our Colleagues in (President's Section), L.M. Parks, 25, 593, 1961.

Canadian Conference of Pharmaceutical Faculties

(The), G.R. Paterson, 22, 201, 1958.

Greetings from, J.G. Duff, 29, 663, 1965.

Remarks of the Chairman, G.R. Paterson, 30, 326, 1966.

Canadian Foundation for the Advancement of Pharmacy, Greetings from the, E.G. Gregory, 29, 66, 1965.

Cancer Chemotherapy (Faculty Forum), K.J. Liska, 29, 301, 1965.

- Capital Requirements Necessary for Opening a New Drugstore, Financial Schedules: A Teaching Aid in the Determination of the,** Isidore Greenberg and Abraham Kreiser, **22**, 502, 1958.
- Capsules, Solid Dosage Forms:** (Faculty Forum), R.F. Childs, **29**, 119, 1965.
- Carbohydrates, Introduction to the** (Faculty Forum), F.A. Crane, **29**, 294, 1965.
- Career Decision of Pharmacy Undergraduates,** R.A. Ohvall and R.W. Hammel, **27**, 81, 1963.
- Case Discussions in Pharmacy Management, the Leading of,** F.A. Grolle, **22**, 512, 1958.
- Case Material, An Evaluation of Available,** R.V. Evanson, **25**, 254, 1961.
- Case (The) Method in Pharmacy Administration,** R.V. Evanson, **23**, 582, 1959.
- Case (The) Method as a Tool in Teaching Pharmacy Management,** F.A. Grolle, **21**, 421, 1957.
- Case (The) for Research and Undergraduate Teaching,** L.W. Parks, **29**, 200, 1965.
- Central and South America, Pharmaceutical Education in,** A.E. James, **22**, 51, 1958.
- Challenge (A) to Colleges of Pharmacy to Train Medicinal Chemists,** G.E. Ulliyot, **28**, 183, 1964.
- Change, The Constant Challenge of,** W.L. Blockstein, **30**, 58, 1966.
- Changes in Staff Titles,** **25**, 170, 329, 472, 603, 1961; **26**, 131, 242, 404, 548, 1962; **27**, 167, 330, 493, 637, 1963; **28**, 128, 277, 446, 613, 1964; **29**, 157, 330, 457, 616, 1965; **30**, 161, 277, 433, 512, 1966.
- Changes Influencing the Teaching of Pharmacy in the United States,** T.D. Rowe, **22**, 151, 1958.
- Changing Objectives of the Pharmacy Library,** Philip Rosenstein, **27**, 248, 1963.
- Chemical Compounds in the Official Compendia,** G.E. Osborne, **26**, 19, 1962.
- Chemical Elements According to the Derivation of Their Names, A Classification of the,** A.E. James, **23**, 231, 1959.
- Chemical Principles (Physical) in Pharmaceutical Science: Physical Pharmacy,** A.N. Martin, **22**, 462, 1958.
- Chemical Therapy in Tenth Century Arabic Medicine,** Sami Hamarneh, **26**, 12, 1962.
- Chemistry**
 (The) and Biology of Nucleic Acids (Faculty Forum), W.G. Hansen, **30**, 99, 1966.
 in the Five Year Program—The Graduate Program, G.P. Hager, **21**, 31, 1957.
 The Pendulum Swings in, R.T. Morrison, **29**, 8, 1965.
 (Should Calculus and) be Required in the Undergraduate Pharmacy Curriculum?, J.M. Cross, **25**, 580, 1961.
 in Switzerland, Postdoctoral Study of, C.F. Martin, **23**, 382, 1959.
 (Inorganic Pharmaceutical)
 and Pharmaceutical Analysis at Rutgers —A Combined Course, C.A. Discher and Thomas Medwick, **29**, 489, 1965.
 A Stimulant for, A.I. White, **21**, 383, 1957.
 (Medicinal)
 A Curriculum for the B.S. Degree in, J.H. Burckhalter, **28**, 190, 1964.
 The Need for Recognizing as a Basic Health Science, E.C. Jorgensen, **28**, 178, 1964.
 (Natural Product), The Teaching of, E.E. Smisson, **29**, 737, 1965.
 (Organic Pharmaceutical)
 How to Keep Up to Date in, J.H. Burckhalter, **24**, 481, 1960.
 Karl A. Nieforth, **29**, 267, 1965.
 (Pharmaceutical)
 An Approach to Graduate Training in, John Andrako, **28**, 175, 1964.
 (With Particular Reference to German Literature), A Bibliographic Review of the History of, Wolfgang Schneider, **23**, 161, 1959.
 The Curriculum in a Professional Program, P.F. Smith, **29**, 683, 1965.
 Foundation in Basic Chemistry for, J.E. Gearien, **29**, 716, 1965.
 Horizons in, G.P. Hager, **29**, 675, 1965.
 The Identification of Organic Medicinal Compounds as Taught in (Faculty Forum), L.D. Small, **28**, 242, 1964.
 Inorganic (The Course in) (Faculty Forum), A.J. Zimmer, **28**, 246, 1964.
 Instrumental Techniques in, R.A. Wiley, **29**, 731, 1965.
 as a Major for Advanced Degrees, W.H. Hartung, **23**, 351, 1959.
 Medicinal Chemistry (and/or), Report of the Special Committee on Connotation of Terms, Paul Jannke, **28**, 554, 1964.
 The Need for Recognizing as a Basic Health Science, E.C. Jorgensen, **28**, 178, 1964.
 (The Role of Courses in) in Preparing

- Students for Community Pharmacy and Graduate Education, J.E. Gearien, **25**, 570, 1961.
- Qualities and Background of Staff, L.W. Busse, **29**, 767, 1965.
- and the Seminar for Practicing Pharmacists: A Problem in Communication, E.S. Brady, **22**, 454, 1958.
- Training (in the) of Pharmacists in Northern and Central Europe, Egil Ramstad, **29**, 710, 1965.
- Undergraduate Teaching (The) of in France, André Archambault, **29**, 693, 1965.
- Undergraduate Teaching (The) of in Great Britain, R.T. Coutts, **29**, 703, 1965.
- The Warp and Woof of and Pharmacognosy, A.H. Beckett and E.J. Shellard, **26**, 486, 1962.
- The Warp and Woof of Pharmacognosy and, V.E. Tyler, Jr., **26**, 491, 1962.
- (Physical)
in Pharmaceutical Education, F.M. Goyan, **22**, 457, 1958.
- (Should Calculus and) be Required of all Undergraduates?, G.J. Hite, **25**, 574, 1961.
- (Synthetic Organic), Graduate Training in: Consensus of University of Minnesota College of Pharmacy Faculty, G.P. Hager, **22**, 440, 1958.
- (Synthetic Pharmaceutical)
Graduate Training in.—A Restatement of an Opinion on the Subject, J.H. Burckhalter, **22**, 445, 1958.
- in Schools of Pharmacy, The Necessity for Research and Graduate Training in, W.L. Nobles, **22**, 449, 1958.
- versus Scores from Various Entrance Tests, Achievement in General College, A.J. Perkins, **21**, 387, 1957.
- Chemists (Medicinal), A Challenge to Colleges of Pharmacy to Train**, G.E. Ullyot, **28**, 183, 1964.
- Chemotherapy (Cancer) (Faculty Forum)**, K.J. Liska, **29**, 301, 1965.
- Chemotherapy (The Concept of)**, Glenn Sondecke, **26**, 1, 1962.
- Chen, K.K., Remington Honor Medal Citation for**, H.H. Schaefer, **30**, 91, 1966.
- Chromatograph (Gas), A Practical, Inexpensive**, G.B. Ceresia and C.A. Bruschi, **28**, 194, 1964.
- Chromatography and the Binomial Equation**, S.P. Eriksen, **29**, 518, 1965.
- (Column Partition), Student Experiments in Pharmaceutical Analysis. III. Quantitative Analysis of Aminopyrine and Antipyrine by, K.A. Connors, **28**, 384, 1964.
- (Thin-layer)
A Practical Technique for an Undergraduate Pharmacognosy Laboratory, E.H. Taylor, **28**, 205, 1964.
- Student Experiments in Pharmaceutical Analysis. I. Separation of Aspirin, Acetophenetidin, and Caffeine by, K.A. Connors and S.P. Eriksen, **28**, 161, 1964.
- Civil Defense**
Report of the Committee on Public Health and, J.A. Biles, **24**, 40, 1960; S.T. Coker, **28**, 548, 1964; S.T. Coker, **29**, 409, 1965; C.I. Cooper, **25**, 65, 1961; J.S. Ruggiero, **30**, 369, 1966; C.H. Waldon, **25**, 415, 1961; C.H. Waldon, **26**, 331, 1962; C.H. Waldon, **27**, 584, 1963.
- Role of the Pharmacist in, J.A. Biles, **25**, 106, 1961.
- Civil Defense Education, Report of the Committee on**, N.E. Foss, **21**, 241, 1957; A.G. Zupko, **22**, 309, 1958.
- Civilization, Pharmacy and**, D.L. Cowen, **22**, 70, 1958.
- Classical Semisolid Pharmaceutical and Rheology. A Note**, Bernard Ecanow, **28**, 411, 1964.
- Classification (A) of the Chemical Elements According to the Derivation of Their Names**, A.E. James, **23**, 231, 1959.
- Claus, Edward P., President, A Biographical Sketch**, C.B. Granberg, **30**, 299, 1966.
- Clinical Research in the Pharmaceutical Industry**, R.M. Rice, **22**, 133, 1958.
- Colleagues (Our) in Canada (President's Section)**, L.M. Parks, **25**, 593, 1961.
- College Admissions, Some Issues in**, R.L. Ebel, **27**, 8, 1963.
- College Education for a Changing Profession**, R.F. Childs and V.H. Childs, **29**, 181, 1965.
- Colleges and Boards, Officers of Districts of**, **22**, 365, 1958.
- of Pharmacy, Pharmacy Administration Courses in Our, Harold Nelson, **23**, 439, 1959.
- and Universities (Contributions by Land-grant) to Pharmaceutical Education, C.P. North, **26**, 52, 1962.

(Pharmacy)

- Appeal to Students, What They are Doing, L.M. Parks, **22**, 403, 1958.
- An Appraisal of Tours of Industrial Pharmaceutical Companies, Edward Stempel, **28**, 18, 1964.
- A Challenge to, to Train Medicinal Chemists, G.E. Ullyot, **28**, 183, 1964.
- Conference on Public Health in the Curricula of, W.W. Stiles, **29**, 575, 1965.
- Financial Support of by Retail Pharmacists, see Dr. Lyman Comments, **22**, 96, 1958.
- Institutions Holding Membership in the American Association of, **21**, 289 (see correction, 449), 1957; **22**, 360, 1958; **24**, 99, 1960; **25**, 154, 455, 1961; **26**, 374, 1962; **27**, 625, 1963; **28**, 590, 1964; **29**, 445, 1965; **30**, 415, 1966.
- Report of the Committee on Relationships of Boards and, see Boards and Colleges of Pharmacy.
- Comments on the Teaching of Pharmacognosy**, Robertson Pratt, **23**, 404, 1959.
- Committee Appointments and Other Information, American Association of Colleges of Pharmacy**, 1957-58, **21**, 292, 1957; 1958-59, **22**, 363, 1958; 1959-60, **24**, 102, 1960; 1960-1961, **25**, 159, 1961; 1961-1962, **25**, 449, 1961; 1962-1963, **26**, 368, 1962; 1963-1964, **27**, 619, 1963; 1964-1965, **28**, 584, 1964; 1965-1966, **29**, 439, 1965; 1966-1967, **30**, 409, 1966.
- Committee on Committees, Report of the 1960**, R.A. Deno, **25**, 102, 1961.
- Committees, Guide for Association Officers, Representatives and**, R.A. Deno, **26**, 380, 1962.
- Communicable Diseases, Arthropod-borne**, (Faculty Forum), T.S. Kallelis, **29**, 596, 1965.
- Community College (A) Visitation Program**, W.L. Blockstein, **27**, 262, 1963.
- Comparison (A) of Mean 1963-64 Salaries of Certain Faculties**, L.A. D'Amico, **29**, 240, 1965.
- Compounding, The Development and Use of Equations in Determining the Percentage of Error in** (Faculty Forum), C.T. Lesshaft, Jr., **29**, 125, 1965.
- Concept (The) of Chemotherapy**, Glenn Sonnedecker, **26**, 1, 1962.
- Concepts of Drug Evaluation in the Dispensing Course of the Future**, John Autian and Alex Berman, **24**, 299, 1960.

Conference

- on Public Health in the Curricula of Colleges of Pharmacy, W.W. Stiles, **29**, 575, 1965.
- of Teachers
- Bylaws, **22**, 352, 1958.
- Officers of, **22**, 364, 1958;
- Report of the Secretary-Treasurer of, E.P. Claus, **21**, 439, 1957; J.H. Kern, **22**, 522, 1958; J.H. Kern, **23**, 602, 1959.
- Connecticut, University of**
- Drug Stability Laboratory, H.G. Hewitt, **29**, 210, 1965.
- Pharmacy Research Institute, H.G. Hewitt, **25**, 197, 1961.
- The Use of Audio Equipment in the Dispensing Laboratory at the, N.W. Fenney, **27**, 463, 1963.
- Constant Challenge (The) of Change**, W.L. Blockstein, **30**, 58, 1966.
- Constants and Variables in the Pharmaceutical Outlook**, W.P. Briggs, **21**, 338, 1957.
- Constitution and Bylaws**
- of the American Association of Colleges of Pharmacy, **24**, 88, 1960; **25**, 461, 1961; **30**, 422, 1966.
- Report of the Committee on, see Bylaws.
- Consultant (The) Pharmacist**, L.W. Rising, **23**, 411, 1959.
- "Consultants in Drugs," A Report on Fifth Year Students as**, G.M. Bryan and J.E. Orr, **23**, 264, 1959.
- Content of Examinations** (Part of a Panel: Examining Students in Courses in Pharmacy Administration), R.V. Evanson, **21**, 405, 1957.
- Continuation Studies**
- Report of the Committee on, R.A. Bowers, **21**, 265, 1957; K.L. Waters, **22**, 330, 1958; K.L. Waters, **24**, 63, 1960; K.L. Waters, **25**, 98, 1961; A.I. White, **30**, 362, 1966; A.G. Zupko, **25**, 407, 1961; A.G. Zupko, **26**, 325, 1962; A.G. Zupko, **27**, 578, 1963.
- A Section of Teachers of (President's Section), P.A. Foote, **27**, 158, 1963.
- Continuing Education**
- (see Annual Pharmacy Lectures—University of Michigan).
- The Attitudes of Teachers in Programs of, Edward Stempel, **29**, 225, 1965.
- Experiences with a Series in Pharmacy of Medicinals, Martin Barr, **29**, 78, 1965.
- Opinions on, C.W. Hartman and C.E. Watkins, **27**, 426, 1963.

- Pharmacy and, H.B. Masters and J.B. Benson, **23**, 7, 1959.
- in Pharmacy at Georgia, K.L. Waters and C.L. Braucher, **23**, 19, 1959.
- in Pharmacy: Motivation and Content, C.A. Rodowskas and R.V. Evanson, **28**, 393, 1964.
- Policies and Objectives of, W.B. Swafford, **29**, 571, 1965.
- Program, The Participation of Pharmaceutical Chemists in a, G.R. Paterson, **29**, 785, 1965.
- The Program as a Recruiting Aid, R.E. Hopponen, **29**, 281, 1965.
- Review of Program Design, Procedures, and Techniques, D.C. Rhyne, **28**, 389, 1964.
- Specialized Education in, L.F. Tice, **23**, 23, 1959.
- at Temple University, A Note on, J.B. Sprowls, **23**, 27, 1959.
- Contributions by Land-grant Colleges and Universities to Pharmaceutical Education**, C.P. North, **26**, 52, 1962.
- Control in Manufacturing Pharmacy**, C.B. Granberg, **21**, 106, 1957.
- Cook, E.F., Memorial to**, H.P. Frank, **25**, 478, 1961.
- Cooper, Zada M.**
- Dedication to, **25**, frontispiece, 1961.
- From Quasqueton to Villisca, C.B. Granberg, **25**, 7, 1961.
- Memorial to, J.W. Jones and G.A. Wiese, **25**, 477, 1961.
- Professor Emeritus, R.A. Kuever, **25**, 1, 1961.
- Cooperative (A) Training Program for Superior High School Science Students**, T.D. Malewitz, L.B. Kier, L. Remington, and P.A. Foote, **26**, 197, 1962.
- Core of Graduate Courses, Should All Graduate Students Take A?**, F.P. Cosgrove, **23**, 514, 1959.
- Cosmetic Science, The Status and Potential of the Course in**, R.E. Faust, **24**, 332, 1960.
- Cosmetic Technology, A Preparatory Lecture for an Introductory Course in** (Faculty Forum), V.J. Brown, **29**, 583, 1965.
- Costa Rica, Pharmaceutical Education in**, R.A. Deno, **25**, 275, 1961.
- Council (American) on Education, Report of the Delegates to the**, K.L. Kaufman, **24**, 66, 1960; K.L. Kaufman and G.L. Webster, **24**, 212, 1960; G.L. Webster, **25**, 303, 1961; G.L. Webster, **26**, 223, 1962; G.L. Webster, **27**, 292, 1963.
- Council (American) on Pharmaceutical Education**
- Report of the Secretary of the, P.H. Costello, **22**, 285, 1958; **24**, 22, 1960; **25**, 31, 381, 1961.
- Report of the Secretary of the, F.T. Mahaffey, **26**, 300, 1962; **27**, 553, 1963; **28**, 505, 1964; **29**, 385, 1965; **30**, 345, 1966.
- Countercurrent Distribution, A Simple Apparatus for the Demonstration of**, Student Experiments in Pharmaceutical Analysis. VII., K.A. Connors and S.P. Eriksen, **29**, 509, 1965.
- Course**
- (The) in Inorganic Pharmaceutical Chemistry (Faculty Forum), A.J. Zimmer, **28**, 246, 1964.
- (An Organic Medicinals) for Pharmacists of Today and the Next Decade, B.N. Patel, **25**, 540, 1961.
- (What Basic) Offerings Should be Required in Pharmaceutical Chemistry and How can These Courses be Strengthened?, P.F. Smith, **25**, 582, 1961.
- Course (A)**
- in Biological Products, Louis Gershenfeld, **24**, 285, 1960.
- in Drug Assaying by Functional Group Analysis, J.E. Gearien, **22**, 467, 1958.
- in General Pathology for Students of Pharmacy, J.S. Wellington, **24**, 296, 1960.
- in Pharmacy Orientation, C.L. Huyck, **22**, 179, 1958.
- in Physical Measurements and Instrumentation, L.A. Strait, L.D. Tuck, and F.M. Goyan, **23**, 544, 1959.
- in Quantitative Pharmaceutical Analysis, F.W. Teare, **29**, 721, 1965.
- Course and Curriculum Building, Adventures in**, I. Visiting Lecturer Series, H.M. Bur-lage, **24**, 170, 1960.
- Courses, Bibliography of Books and Reference Works Relating to the Professional in the Pharmaceutical Curriculum**, M.J.K. Zachert and L.C. Thomasson, Part I, **27**, 266, 1963; Part II, **27**, 361, 1963.
- Courses (Specialized) in Continuing Education**, L.F. Tice, **23**, 23, 1959.
- Cox, C.L., Memorial to**, M.J. Rodman, **22**, 532, 1958.
- Criteria for Participation in National Institutes of Health Programs in Pharmacology**, J.F. Sherman, **28**, 693, 1964.
- Crossen, G.E., Memorial to**, L.A. Sciuchetti, **22**, 533, 1958.

- Currents in Chemical Education—College Level**, R.A. Keller, **30**, 1, 1966.
- Curricula (Improving the Pharmacy) by Restructuring of Laboratory Periods**, Jean Brown and Anne Lowe, **24**, 174, 1960.
- Curricula, Is Uniformity of Necessary?** O.E. Araujo, **29**, 545, 1965.
- Curricula, A Survey of the Five-year of Member Colleges**, D.B. Paul and G.J. Sperandio, **26**, 461, 1962.
- Curriculum**
- (A) for the B.S. Degree in Medicinal Chemistry, J.H. Burckhalter, **28**, 190, 1964.
 - Development, The Bobst-Columbia Plan for Pharmaceutical Education, the First Application of Group Ideation to, Leo Roon and E.E. Leuallen, **22**, 147, 1958.
 - Effect of the Extended on Graduate Study in Schools of Pharmacy, Some Consideration of, L.W. Busse, **23**, 509, 1959.
 - (Five Year), Curriculum and Syllabi for Courses in Pharmacy Administration in (Panel), **22**, 471, 1958.
 - The Implementation of the Five-year Professional, Gunnar Gjerstad, **25**, 295, 1961.
 - The Importance and Place of Antibiotics Instruction in the Pharmacy, Robertson Pratt, **26**, 502, 1962.
 - The New Direction in Building, J.W. Nelson **28**, 688, 1964.
- (Pharmaceutical)
- Bibliography of Books and Reference Works Relating to the Professional Courses in the, M.J.K. Zachert and C.L. Thomasson, Part I, **27**, 266, 1963; Part II, **27**, 361, 1963.
 - Public Health in the, W.W. Stiles and Shirley Cooper, **24**, 204, 1960.
 - General Educational Values in the, L.W. Busse, **24**, 409, 1960.
 - Human Anatomy in the, R.D. Coleman, **24**, 291, 1960.
- (Pharmaceutical Chemistry)
- Biochemistry in a, B.E. Riedel, **29**, 743, 1965.
 - Instrumental Techniques in a, R.A. Wiley, **29**, 731, 1965.
 - (The) in a Pharmaceutical Science Program (Four Year), J.H. Burckhalter, **29**, 688, 1965.
 - (The) in a Professional Program, P.F. Smith, **29**, 683, 1965.
- (Pharmacy)
- Academic Preparation for Graduate Study in the Five Year Professional, G.L. Jenkins and J.E. Christian, **23**, 367, 1959.
 - Business Courses in the, J.F. McCloskey, **21**, 397, 1957.
 - Human Relations as a Course in the, C.L. Braucher, **29**, 63, 1965.
 - A Look at Marketing in the, N.A. Campbell, **29**, 231, 1965.
 - Public Health in the: A Syllabus, M.R. Gibson, **30**, 9, 1966.
- (Professional)
- The Application of Programmed Learning Techniques to Selected Material in a, C.M. Finelli and R.W. Sager, **26**, 190, 1962.
 - Pharmaceutical Analysis in the, Einar Brochmann-Hanssen, **29**, 538, 1965.
- Report of the Committee on, J.G. Adams, **22**, 290, 1958; J.G. Adams, **24**, 353, 1960; R.A. Deno, **26**, 311, 1962; R.A. Deno, **27**, 562, 1963; R.A. Deno, **28**, 518, 1964; M.R. Gibson, **29**, 396, 1965; M.R. Gibson, **30**, 353, 1966; L.M. Parks, **21**, 221, 1957; H.W. Youngken, Jr., **25**, 42, 389, 1961.
- (Undergraduate)
- Is the a Suitable Foundation for Graduate Study in Microbiology?, C.J. Sih, **29**, 213, 1965.
 - Is the a Suitable Foundation for Graduate Study in Pharmacology?, G.V. Rossi, **29**, 218, 1965.
 - Is the a Suitable Foundation for Graduate Study in Pharmacy, S.P. Eriksen, **29**, 549, 1965.
- Use of the Official Compendia, and Particularly the National Formulary, in the Pharmacy School, E.G. Feldmann, **27**, 193, 1963.

D

- Dargavel Foundation (the John W.) Remarks of the President**, A.C. Fritz, **30**, 330, 1966.
- Davis, J.E., Memorial to**, D.M. Martin, R.A. Grundman, and B.H. Gold, **22**, 370, 1958.
- Deans and AACP (Editorial)**, M.R. Gibson, **23**, 609, 1959.
- Degrees Held by Full-time Administrators and Teachers 1961-1962** (Addendum C of 1961 Minutes of the Interim Meeting), **26**, 116, 1962.
- Degrees, Pharmaceutical Chemistry as a Major for Advanced**, W.H. Hartung, **23**, 351, 1959.
- Delineation (The) of the Professional Disciplines**, L.C. Zopf, **24**, 414, 1960.

Demand (The)

- for Pharmacy Graduates in Industry, F.C. Hamner, **28**, 534, 1964.
- for Pharmacy Graduates in Teaching, F.C. Hamner, **28**, 545, 1964.
- for Ph.D. Pharmacists in Schools (Part of a Symposium: Supply and Demand of Ph.D. Pharmacists), H.G. Hewitt, **21**, 351, 1957.
- for Pharmacy Trained Ph.D.'s in Industry (Part of a Symposium: Supply and Demand of Ph.D. Pharmacists), R.H. Blythe, **21**, 354, 1957.

Denmark, Pharmaceutical Education in, V.G. Jensen, **28**, 6, 1964.

Departure (A) from the Classic Order in General Pharmacy, G.E. Osborne, **21**, 129, 1957.

Depth

- Achieving in Pharmacology, Introductory Remarks, E.A. Swinyard, **24**, 444, 1960.
- Achieving in Pharmacy Administration, Stephen Wilson, **24**, 445, 1960.
- Achieving in the Specialties—Pharmacognosy, R.L. Van Horne, **24**, 431, 1960.
- The Background of the Teacher Necessary to Achieve, Egil Ramstad, **24**, 439, 1960.
- Developed, How is?, E.P. Claus, **24**, 437, 1960.
- in any Discipline? What Constitutes, M.R. Gibson, **24**, 435, 1960.
- Education for, L.D. Coolidge, **24**, 420, 1960.
- in Pharmacognosy, The Background of the Undergraduate Student Necessary to Achieve, L.R. Brady, **24**, 442, 1960.

Design (The) and Purpose of the Teachers' Seminars, C.W. Bliven, **25**, 568, 1961.

Detail Men (Editorial), M.R. Gibson, **23**, 461, 1959.

Determination of Ephedrine and Phenobarbital by Liquid-Liquid Extraction, Student Experiments in Pharmaceutical Analysis. VI., J.E. Kelsey and K.A. Connors, **29**, 500, 1965.

Determining the Role of the Community Pharmacist, D.A. Knapp, D.E. Knapp, and R.V. Evanson, **29**, 274, 1965.

Development (The) of Pharmacy in Poland, Witold Saski, **22**, 214, 1958.

Development of a Program to Stimulate Interest in Pharmaceutical Marketing and Management, A.T. Buatti, **21**, 416, 1957.

Development (The) and Use of Equations for Determining the Percentage of Error in Compounding (Faculty Forum), C.T. Lesshafft, Jr., **29**, 125, 1965.

Disinfectants, Early History of Antiseptics and, G.F. Reddish, **23**, 197, 1959.

Dispensing

Course of the Future, Concepts of Drug Evaluation in the, John Autian and Alex Berman, **24**, 299, 1960.

The Investigative Approach in Teaching, G.J. Sperandio, **21**, 115, 1957.

Laboratory (The Use of Audio Equipment in the) at the University of Connecticut, N.W. Fenney, **27**, 463, 1963.

Pharmacy, A New Approach to, University of Tennessee, M.E. Hamner, **25**, 239, 1961.

A Simulated Prescription Department in Teaching, L.D. King, **21**, 125, 1957.

Do You Favor Including Statistics in the Pharmaceutical Calculations Course? (Faculty Forum), Gerhard Levy, **26**, 99, 1962; R.C. Mason, **26**, 98, 1962.

Doctoral and Postdoctoral Study in Germany, J.H. Burckhalter, **22**, 18, 1958.

Dr. Lyman Comments, R.A. Lyman, **21**, 160, 298, 1957; **22**, 96, 1958.

Does the Left Hand Know What the Right Hand is Doing? (President's Section), E.P. Claus, **30**, 404, 1966.

Dosage (Teaspoonful) Problems, Edward Stempel, **26**, 205, 1962.

Downing, Francis, Memorial to, anon., **29**, 460, 1965.

Dropout (The) (President's Section), E.P. Claus, **30**, 267, 1966.

Drug Advertisements (Prescription): A Vast Wasteland?, H.C. Ansel, **30**, 223, 1966.

Drug Assaying by Functional Analysis, A Course in, J.E. Gearien, **22**, 467, 1958.

Drug Evaluation in the Dispensing Course of the Future, Concepts of, John Autian and Alex Berman, **24**, 299, 1960.

Drug-Receptor Interactions, B. Belleau, **29**, 758, 1965.

Drugstore (New) Financial Schedules: A Teaching Aid in the Determination of the Capital Requirements Necessary for Opening a, Isidore Greenberg and Abraham Kreiser, **22**, 502, 1958.

Dunn, M.S., Memorial to, anon., **28**, 449, 1964.

Dunning Hall, N.E. Foss, **25**, 201, 1961.

E

Early History of Antiseptics and Disinfectants, G.F. Reddish, **23**, 197, 1959.

Economics (Principles of) in the Five Year Curriculum, Part of a Panel: Curriculum and Syllabi for Courses in Pharmacy Administration—Five Year Program, Stephen Wilson, **22**, 480, 1958.

Editing, see **Editorial**, M.R. Gibson, **24**, 533, 1960.

Editor of the American Journal of Pharmaceutical Education

C. Boyd Granberg, An Introduction, M.R. Gibson, **24**, 393, 1960.

Report of the, M.R. Gibson, **21**, 218, 1957; **22**, 288, 1958; **24**, 25, 1960; **25**, 37, 1961.

Report of the, C.B. Granberg, **25**, 385, 1961; **26**, 306, 1962; **27**, 559, 1963; **28**, 510, 1964; **29**, 393, 1965; **30**, 351, 1966.

Editorial

M.R. Gibson, **21**, 62, 158, 444, 1957; **22**, 92, 237, 369, 529, 1958; **23**, 108, 286, 461, 609, 1959; **24**, 228, 359, 533, 1960.

C.B. Granberg, **25**, 152, 325, 446, 595, 1961; **26**, 119, 238, 365, 540, 1962; **27**, 159, 321, 483, 616, 1963; **28**, 119, 271, 439, 582, 1964; **29**, 151, 325, 436, 607, 1965; **30**, 155, 271, 406, 505, 1966.

Education

(Advanced) for Pharmaceutical Research, R.H. Blythe, **25**, 564, 1961.

An Analysis of the Economic Advantages of vs. Industry in Pharmacy, R.V. Evanson, **26**, 24, 1962.

(Audio-Visual), Report of the Committee on, R.J. Gerraughty, **28**, 531, 1964; **29**, 405, 1965; **30**, 361, 1966; E.J. Ireland, **25**, 405, 1961; **26**, 324, 1962; **27**, 577, 1963; R.F. Voigt, **22**, 308, 1958; **24**, 39, 1960; **25**, 64, 1961; H.W. Youngken, Jr., **21**, 238, 1951.

(Biological), Trends in, K.H. Bush, **29**, 1, 1965.

(Chemical), Currents in—College Level, R.A. Keller, **30**, 1, 1966.

(Civil Defense), Report of the Committee on, A.G. Zupko, **22**, 309, 1958.

by Coercion, R.S. Strommen, **24**, 180, 1960.

(College) for a Changing Profession, R.F. Childs and V.H. Childs, **29**, 181, 1965. for Depth, L.D. Coolidge, **24**, 420, 1960.

(Continuing)

(See Annual Pharmacy Lectures—University of Michigan).

Legal Aspect of Requiring for Licensure Renewal, **30**, 486, 1966.

Liberal Studies in, E.P. Turner, **30**, 491, 1966.

Opinions on, C.W. Hartman and C.E. Watkins, **27**, 426, 1963.

Pharmacy and, H.B. Masters and J.B. Benson, **23**, 7, 1959.

in Pharmacy: Motivation and Content, C.A. Rodowskas and R.V. Evanson, **28**, 393, 1964.

in Pharmacy at Georgia, K.L. Waters and C.L. Braucher, **23**, 19, 1959.

Professional Growth Through, L.R. Parker, **28**, 115, 1964.

Review of Program Design, Procedures, and Techniques in, D.C. Rhyne, **28**, 389, 1964.

Specialized Courses in, L.F. Tice, **23**, 23, 1959.

at Temple University, A Note on, J.B. Sprowls, **23**, 27, 1959.

Experimentation in (President's Section), J.E. Orr, **29**, 149, 1965.

Federal Aid to, Carter Davidson, **21**, 327, 1957.

(Graduate)

in Hospital Pharmacy (See Hospital Pharmacy).

in Pharmaceutical Chemistry (See Pharmaceutical Chemistry as a Major for Advanced Degrees).

in Pharmaceutical Technology, L.W. Busse, **23**, 321, 1959.

in Pharmacognosy, H.W. Youngken, Jr., **23**, 343, 1959.

in Pharmacognosy, An Appraisal of, A.E. Schwarting, **23**, 340, 1959.

in Pharmacology, T.S. Miya, **23**, 335, 1959.

in Pharmacy Administration, J.B. McEvilla, **23**, 358, 563, 1959.

Quality Control in (President's Section), J.E. Orr, **28**, 437, 1964.

The Role of Courses in Pharmaceutical Chemistry in Preparing Students for Community Pharmacy and, J.E. Geary, **25**, 570, 1961.

in Schools of Pharmacy, M.W. Green, **24**, 492, 1960.

Trends in, D.D. McKean, **24**, 487, 1960. (Higher)

Ethics and Integrity in, D.C. Baldwin, **27**, 41, 1963.

Roles of the Teacher in, L.D. Haskew, **27**, 53, 1963.

The Student and, R.B. Kamm, **27**, 28, 1963.

The Student Personnel Function in American, D.W. Robinson, **27**, 18, 1963.

- (Hospital Pharmacy), Report of the Committee on, W.E. Weaver, **22**, 331, 1958; **24**, 60, 1960; **25**, **99**, 412, 1961.
- (Liberal)
and American Pharmacy, K.P. Bunnell, **23**, 37, 1959.
and American Pharmacy, A Bibliography, K.P. Bunnell, **23**, 59, 1959.
Integration of and Professional Courses in Pharmacy, G.E. Osborne, **23**, 74, 1959.
for Pharmacy Students, See Editorial, M.R. Gibson, **22**, 92, 1958.
- A Means of: The Pharmaceutical Caravan, E.S. Brady, **23**, 11, 1959.
- (Medical Sociology in the) of Pharmacy Students, R.M. Gray, L.D. Hiner, and Elton Newman, **26**, 169, 1962.
- and Membership Standards, Report of the Committee on, G.J. Sperandio, **22**, 296, 1958.
- Influences (Liberating) on a University (President's Section), R.A. Bowers, **27**, 481, 1963.
- (Pharmaceutical)
The Application of Group Thinking Techniques to the Problems of, L.H. Bristol, Jr., **22**, 143, 1958.
Belgian, T.O. King and Aubin Heyndrickx, **22**, 28, 1958.
in Central and South America, A.E. James, **22**, 51, 1958.
Contributions of Land-grant Colleges and Universities to, C.P. North, **26**, 52, 1962.
in Costa Rica, R.A. Deno, **25**, 275, 1961.
in Denmark, V.G. Jensen, **28**, 6, 1964.
A Dual Challenge, André Archambault, **29**, 235, 1965.
Ethics and (Editorial), C.B. Granberg, **27**, 321, 1963.
in Ethiopia (Faculty Forum), E.T. Brown, **28**, 420, 1964.
Ferment in: The Changing Nature of the Basic Sciences, J.C. Kellett, Jr., **30**, 464, 1966.
The First Application of Group Ideation to Curriculum Development, The Bobst-Columbia Plan for, Leo Roon and E.E. Leuallen, **22**, 147, 1958.
in Great Britain—A Comparative Study, J.W. Fairbairn, **22**, 1, 1958.
Horizons in, G.L. Webster, **24**, 398, 1960.
in India, V.N. Bhatia, **22**, 24, 1958.
in the Netherlands, J.S. Faber and W.C. McCarthy, **22**, 34, 1958.
A New Plan for, G.L. Jenkins, **22**, 165, 1958.
in Norway, Einar Brochmann-Hanssen, **22**, 9, 1958.
Pharmacy and, N.H. Meyer, **21**, 6, 1957.
Physical Chemistry in, F.M. Goyan, **22**, 457, 1958.
The Place of a Four-year Basic Science Degree Program in, D.H. Murray, **30**, 230, 1966.
in Poland, Witold Saski and Henryk Bukowiecki, **22**, 38, 1958.
Some Missing Links in, W.S. Apple, **25**, 222, 1961.
Specialization in, L.F. Tice, **24**, 427, 1960.
for Tomorrow's Society, D.C. Brodie, **30**, 317, 1966.
Twenty-five Years from Now, T.D. Rowe, **23**, 89, 1959.
in the United States, H.G. Hewitt, **22**, 155, 1958.
Value of Foundations to, L.E. Blauch, **22**, 139, 1958.
vs. Training (Editorial), C.B. Granberg, **26**, 238, 1962.
What is Wrong with?, A.N. Jorgensen, **21**, 1, 1957.
What's Dangerous to, R.A. Lyman, Jr., **21**, 4, 1957.
- The Place of Science in, J.F. Weltzin, **23**, 82, 1959.
- Professional Attitude and, R.E. Kremers, **23**, 241, 1959.
- (Professional), Horizons in, R.S. Harris, **29**, 669, 1965.
- (Postgraduate)
(See Continuing Education).
R.A. Bowers, **23**, 1, 1959.
(Pharmaceutical), in France, Georges Cuvier, **23**, 28, 1959.
- (Undergraduate), Effects of the Teachers' Seminars on, J.B. Sprowls, **24**, 509, 1960.
- (Undergraduate and Graduate) in Pharmacy, Relationships Between, G.L. Jenkins, **24**, 501, 1960.
- Educational (General) Values in the Pharmacy Curriculum**, L.W. Busse, **24**, 409, 1960.
- Educational and Membership Standards, Report of the Committee on**, G.J. Sperandio, **21**, 228, 1957; **22**, 296, 1958.
- Educational Product, Judging the**, C.R. Pace, **27**, 68, 1963.
- Educational Television: An Opportunity for Pharmacy**, K.L. Waters, **27**, 445, 1963.
- Educator's (An) Extracurricular Obligations Involving Standard Tests**, R.A. Deno, **23**, 371, 1959.

- Effects of the Teachers' Seminars on Undergraduate Education**, J.B. Sprowls, **24**, 509, 1960.
- Ehrlich the Man, the Scientist**, D.L. Cowen, **26**, 4, 1962.
- Elective (An) Senior Seminar in Socio-Economic Pharmacy Problems**, D.A. Knapp, **29**, 564, 1965.
- Elements (Chemical), A Classification of According to the Derivation of Their Names**, A.E. James, **23**, 231, 1959.
- Emch, Bess, Memorial to**, C.H. Larwood, **25**, 479, 1961.
- English (The) Teacher Talks Back**, C.L. Riess, **22**, 185, 1958.
- Enrollment**
- (Future) Problems, Report of the Committee on, M.W. Barr, **30**, 363, 1966; A.J. Bartilucci, **29**, 406, 1965; S.D. Feurt, **27**, 579, 1963; S.D. Feurt, **28**, 532, 1964; L.D. Hiner, **21**, 242, 1957; J.E. Orr, **24**, 42, 1960; L.F. Tice, **22**, 310, 1958; Stephen Wilson, **25**, 67, 409, 1961; Stephen Wilson, **26**, 326, 1962.
- (Graduate) Data, September, 1961 and Graduate Study in Member Colleges, 1962-1963, E.A. Brecht, **26**, 89, 1962.
- (Graduate) Data, September, 1962 and Graduate Study in Member Colleges, 1963-1964, E.A. Brecht, **27**, 108, 1963.
- (Graduate) Data, September, 1956 and Graduate Study in Member Colleges, 1957-1958, R.A. Deno, **21**, 42, 1957.
- (Graduate) Data, September, 1957 and Graduate Study in Member Colleges, 1958-1959, R.A. Deno, **22**, 233, 1958.
- (Graduate) Data, September, 1958 and Graduate Study in Member Colleges, 1959-1960, L.M. Parks, **23**, 94, 1959.
- (Graduate) Data, September, 1959 and Graduate Study in Member Colleges, 1960-1961, L.M. Parks, **24**, 70, 1960.
- (Graduate) Data, September, 1963 and Graduate Study in Member Colleges, 1964-1965, E.A. Swinyard, **28**, 94, 1964.
- (Graduate) Data, September, 1964 and Graduate Study in Member Colleges, 1965-1966, E.A. Swinyard, **29**, 107, 1965.
- (Graduate) Data, September, 1965 and Graduate Study in Member Colleges, 1966-1967, V.E. Tyler, Jr., **30**, 86, 1966.
- in Schools and Colleges of Pharmacy, First Semester, Term or Quarter, 1959-60, H.G. Hewitt, **24**, 73, 1960.
- in Schools and Colleges of Pharmacy, First Semester, Term or Quarter, 1960-1961, H.G. Hewitt, **25**, 111, 1961.
- in Schools and Colleges of Pharmacy, First Semester, Term or Quarter, 1961-1962, H.G. Hewitt, **26**, 71, 1962.
- in Schools and Colleges of Pharmacy, First Semester, Term or Quarter, 1962-1963, H.G. Hewitt, **27**, 88, 1963.
- in Schools and Colleges of Pharmacy, First Semester, Term or Quarter, 1963-1964, J.B. Sprowls, **28**, 74, 1964.
- in Schools and Colleges of Pharmacy, First Semester, Term or Quarter, 1964-1965, J.B. Sprowls, **29**, 85, 1965.
- in Schools and Colleges of Pharmacy, First Semester, Term or Quarter, 1965-1966, J.B. Sprowls, **30**, 64, 1966.
- Entrance Tests, Achievement in General College Chemistry versus Scores from Various**, A.J. Perkins, **21**, 387, 1957.
- Equations, The Development and Use of for Determining the Percentage of Error in Compounding** (Faculty Forum), C.T. Lesshaft, Jr., **29**, 125, 1965.
- Escalating Educational Effectiveness**, Address of the Vice President, E.P. Claus, **30**, 311, 1966.
- Ethics**
- and Integrity in Higher Education, D.C. Baldwin, **27**, 41, 1963.
- (Pharmaceutical), K.L. Kaufman, **23**, 213, 1959.
- and Pharmaceutical Education (Editorial), C.B. Granberg, **27**, 321, 1963.
- Ethiopia, Pharmaceutical Education in** (Faculty Forum), E.T. Brown, **28**, 420, 1964.
- Evaluation (Meaningful) of Pharmaceutical Preparations in the Undergraduate Laboratory**, Gerhard Levy and R.H. Gumtow, **28**, 199, 1964.
- Examination Techniques**, G.L. Webster, **29**, 57, 1965.
- Examinations, Content of** (Part of a Panel: Examining Students in Courses in Pharmacy Administration), R.V. Evanson, **21**, 405, 1957.
- Examining Students in Courses in Pharmacy Administration** (Part of a Panel: Examining Students in Courses in Pharmacy Administration), J.F. McCloskey, **21**, 404, 1957.
- Executive Committee, AACP**
- Chairman, Report of the, H.G. Hewitt, **24**, 15, 1960; **25**, 29, 379, 1961; **26**, 298, 1962; **27**, 550, 1963.

- Chairman, Report of the, J.B. Sprowls, **28**, 502, 1964; **29**, 385, 1965; **30**, 332, 1966.
- Chairman, Report of the, L.C. Zopf, **21**, 210, 1957; **22**, 281, 1958.
- Minutes of the Annual Meeting, C.W. Bliven, **25**, 432, 1961; **26**, 345, 1962; **27**, 596, 1963; **28**, 565, 1964; **29**, 422, 1965; **30**, 389, 1966.
- Minutes of the Annual Meeting, G.L. Webster, **21**, 278, 1957; **22**, 342, 1958; **24**, 80, 1960; **25**, 311, 1961.
- Minutes of the Interim Meeting, C.W. Bliven, **25**, 141, 1961; **26**, 101, 1962; **27**, 141, 1963; **28**, 253, 1964; **29**, 312, 1965; **30**, 141, 1966.
- Minutes of the Interim Meeting, G.L. Webster, **21**, 49, 1957; **22**, 81, 1958; **23**, 98, 1959; **24**, 219, 1960.
- Minutes of the Post-Session Meeting, C.W. Bliven, **25**, 440, 1961; **26**, 358, 1962; **27**, 608, 1963; **28**, 575, 1964; **29**, 428, 1966; **30**, 399, 1966.
- Minutes of the Post-Session Meeting, G.L. Webster, **21**, 285, 1957; **22**, 349, 1958; **24**, 86, 1960; **25**, 319, 1961.
- Minutes of Special Meeting, C.W. Bliven, **24**, 530, 1960.
- Executive Secretary-Treasurer, Report of the**, C.W. Bliven, **26**, 291, 1962; **27**, 543, 1963; **28**, 495, 1964; **29**, 377, 1965; **30**, 336, 1966.
- Existence (Human), Scientific Method and**, J.W. Byrne, **28**, 13, 1964.
- Expanding (The) Role of Pharmacy Administration Training in the Preparation of Pharmacy Students for a Career**, S.B. Jeffries, **21**, 144, 1957.
- Experiences With a Continuing Education Series in Pharmacy of Medicinals**, Martin Barr, **29**, 78, 1965.
- Experiences With a Survey Course in Pharmacology**, A.G. Zupko, **21**, 136, 1957.
- Experiment**
- (An) in Teaching Theoretical and Applied Pharmacy, T.W. Schwarz, **23**, 400, 1959.
 - (Laboratory) for Physical Pharmacy: The Equilibrium Properties of a Reaction, J.L. Colaizzi, **30**, 187, 1966.
 - (A Student)
 - in Chemical Kinetics: The Hydrolysis of Chlorobutanol, J.D. McRae, **30**, 53, 1966.
 - in Pharmaceutical Technology. I. Particle Size Distribution Measurements, E.L. Parrott and A.M. Salpekar, **30**, 196, 1966; II. Flowability of Powders, E.L. Parrott, **30**, 205, 1966; III. Humidity, E.L. Parrott, **30**, 470, 1966.
 - in Physical Pharmacy: Effect of pH on the Partition Coefficient of a Slightly Soluble Weak Acid, N.D. Weiner, Alvin Felmeister, and Milo Gibaldi, **30**, 192, 1966.
- Experiments in Education** (President's Section), J.E. Orr, **29**, 149, 1965.
- Extended Curricula, Some Notes on Teaching History of Pharmacy in the**, Alex Berman, **24**, 282, 1960.
- Extended Curriculum**
- See President's Section, L.C. Zopf, **22**, 526, 1958.
 - Some Consideration of the Effect of on Graduate Study in Schools of Pharmacy, L.W. Busse, **23**, 509, 1959.
- Extension Education**, See Education by Coercion, R.S. Strommen, **24**, 180, 1960.
- Extension (Pharmaceutical), The Use of in Developing the Case-Problem Method in Pharmacy Administration**, R.G. Kedersha and J.L. Voigt, **21**, 149, 1957.
- Extension Service, Pharmaceutical**, J.L. Voigt, **23**, 9, 1959.
- Extraction (Liquid-Liquid), Determination of Ephedrine and Phenobarbital by**, Student Experiments in Pharmaceutical Analysis. VI., J.E. Kelsey and K.A. Connors, **29**, 500, 1965.

F

- Facilities (Instructional), The New Shape of**, J.J. Morisseau, **27**, 439, 1963.
- Faculty Emphasis on Professionalism in State Associations** (Faculty Forum), H.C. Forslund, **28**, 104, 1964.
- Faculties (Pharmaceutical), The Canadian Conference of**, G.R. Paterson, **22**, 201, 1958.
- Faculty Forum**
- Are Pharmacy Teachers Educating Pharmacy Students for Their Jobs?, R.J. Gillespie, **30**, 494, 1966; H.F. Kabat, **30**, 496, 1966; H.W. Pratt, **30**, 498, 1966; E.V. White, **30**, 499, 1966.
 - Arthropod-borne Communicable Diseases, T.S. Kallelis, **29**, 596, 1965.
 - Cancer Chemotherapy, K.J. Liska, **29**, 301, 1965.
 - The Chemistry and Biology of Nucleic Acids, W.G. Hansen, **30**, 99, 1966.

- The Course in Inorganic Pharmaceutical Chemistry, A.J. Zimmer, **28**, 246, 1964.
- The Development and Use of Equations for Determining the Percentage of Error in Compounding, C.T. Lesshaft, Jr., **29**, 125, 1965.
- Do You Favor Including Statistics in the Pharmaceutical Calculations Course?, Gerhard Levy, **26**, 99, 1962; R.C. Mason, **26**, 98, 1962.
- Faculty Emphasis on Professionalism in State Associations, H.C. Forslund, **28**, 104, 1964.
- Guidelines for Developing a Course of Instruction
in Aerosols, J.J. Sciarra, **27**, 121, 1963;
in Bionucleonics, W.F. Bousquet, **27**, 125, 1963;
in Parenterals, K.E. Avis, **27**, 129, 1963;
in Radiopharmacy, J.P. Vacik, **27**, 136, 1963.
- How the American Society of Pharmacognosy is Aiding Pharmaceutical Education, L.R. Brady, **26**, 532, 1962; N.R. Farnsworth, **26**, 534, 1962; Rolf Westby and G.H. Svoboda, **26**, 536, 1962.
- The Identification of Organic Medicinal Compounds as Taught in Pharmaceutical Chemistry, L.D. Small, **28**, 242, 1964.
- Introduction to the Carbohydrates, F.A. Crane, **29**, 294, 1965.
- Laboratory Exercises, Procedures, or Methods (New)
in Pharmaceutical Chemistry, C.F. Martin, **27**, 470, 1963;
in Pharmacognosy, K.K. Kazerovskis, **27**, 468, 1963;
in Pharmacology, A.L. Picchioni, **27**, 474, 1963;
in Pharmacy, J.M. Evans and J.L. Lichten, **27**, 465, 1963;
in Pharmacy Administration, Max Polinsky, **27**, 478, 1963.
- Lecture (A Preparatory) for an Introductory Course in Cosmetic Technology, V.J. Brown, **29**, 583, 1965.
- A Lecture in Pharmacology: Diuretics, J.W. Nelson, **29**, 305, 1965.
- A Lecture in Pharmacy Law: You're Liable to be Liable, D.W. Doerr, **29**, 590, 1965.
- Lipids (The Simple): Introduction, C.C. Albers, **30**, 255, 1966.
- Oral Sustained-release Dosage Forms, G.M. Krause, **30**, 261, 1966.
- Pharmaceutical Education in Ethiopia, E.T. Brown, **28**, 420, 1964.
- Pharmacy and the Development of the American West, G.E. Osborne, **29**, 140, 1965.
- Poisonous Plants in and Around the Home, Ara Der Marderosian, **30**, 115, 1966.
- Professional Growth Through Continuing Education, L.R. Parker, **28**, 115, 1964.
- A Proposed New Role for State Pharmacy Boards, John Autian, **27**, 301, 1963; V.N. Bhatia, **27**, 309, 1963; A.M. Galinsky, **27**, 311, 1963; F.C. Hammerness, **27**, 314, 1963; G.D. Redman, **27**, 316, 1963.
- Qualities of Compressed Tablets: Potency Variation, A.M. Mattocks, **30**, 110, 1966.
- A Sabbatical Year in Germany, V.E. Tyler, Jr., **28**, 424, 1964.
- Should We Teach More Biochemistry?, R.L. Beamer, **26**, 228, 1962; M.L. Borke, **26**, 230, 1962; A.C. Core, **26**, 231, 1962; Gary Omodt, **26**, 232, 1962; H.A. Swartz, **26**, 234, 1962.
- Solid Dosage Forms: Capsules, R.F. Childs, **29**, 119, 1965.
- Teaching Beginning Quantitative Pharmaceutical Analysis in the Sixties, F.E. DiGangi, **28**, 233, 1964.
- Visiting Baghdad as a Lecturer in Pharmacy, J.N. Bone, **28**, 413, 1964.
- Faculty (Pharmacy), The Library's Responsibility to the**, M.J.K. Zachert, **22**, 77, 1958.
- Faculty (The) of Pharmacy University of Toronto**, G.C. Walker, **28**, 360, 1964.
- Faculty (The) of Pharmacy, University of Toronto, Greetings from**, F.N. Hughes, **29**, 657, 1965.
- Faculty Support of the AACP** (Editorial), C.B. Granberg, **26**, 365, 1962.
- Faith, Have We Kept the?**, H.G. Hewitt, **26**, 449, 1962.
- Faser, H.M., Memorial to**, A.A. Dodge, **24**, 240, 1960.
- Federal Aid to Education**, Carter Davison, **21**, 327, 1957.
- Ferment in Pharmaceutical Education: The Changing Nature of the Basic Sciences**, J.C. Kellett, Jr., **30**, 464, 1966.
- Field Trips as a Teaching Aid for Students in Freshman Pharmacy**, C.B. Granberg, **23**, 379, 1959.
- Financial Support of Colleges of Pharmacy by Retail Pharmacists**, See Dr. Lyman Comments, **22**, 96, 1958.

- Financial Schedules: A Teaching Aid in the Determination of the Capital Requirements Necessary for Opening a New Drugstore**, Isidore Greenberg and Abraham Kreiser, **22**, 502, 1958.
- Finnegan, J.K.**, Memorial to, W.E. Weaver, **23**, 613, 1959.
- Fischer, E.B.**, Memorial to, G.P. Hager, **25**, 331, 1961.
- Five Year Curriculum, Curriculum and Syllabi for Courses in Pharmacy Administration (Panel)**, **22**, 471, 1958.
- Five (A) Year Grade Study of Pharmacy Students in the Courses Pharmaceutical Calculations and Introductory Pharmacy**, H.M. Burlage, **22**, 193, 1958.
- Five Year Program**
- Chemistry in the,—The Graduate Program, G.P. Hager, **21**, 31, 1957.
 - Pharmacy Administration—Its Place in the (Part of a Symposium), J.H. Kern, **21**, 392, 1957.
 - Pharmacy Administration—Its Place in the (Part of a Symposium), J.D. McEvilla, **21**, 394, 1957.
- Five Year Program and Graduate Programs (President's Section)**, **23**, 284, 1959.
- Flowability of Powders**, Student Experiments in Pharmaceutical Technology. II., E.L. Parrott, **30**, 205, 1966.
- Foglesong, J.E.**, Memorial to, E.L. Hammond, **21**, 304, 1957.
- Foote, Perry A.**, President, A Biographical Sketch, C.B. Granberg, **26**, 273, 1962.
- Foundation in Basic Chemistry for Pharmaceutical Chemistry**, J.E. Gearien, **29**, 716, 1965.
- Foundations, Value of, to Pharmaceutical Education**, L.E. Blauch, **22**, 139, 1958.
- Four Years of Experience with a Postgraduate Guidance Program at Brooklyn College of Pharmacy**, Isidore Greenberg and A.G. Zupko, **24**, 336, 1960.
- France**
- Postgraduate Education in, Georges Cuvier, **23**, 28, 1959.
 - The Undergraduate Teaching of Pharmaceutical Chemistry in, André Archambault, **29**, 693, 1965.
- Function of the Library and Librarian in Keeping Up to Date**, R.E. Ellsworth, **24**, 459, 1960.
- Fundamental (A) Approach to the Teaching of Physical Pharmacy**, S.P. Eriksen, **28**, 38, 1964.
- Fundamentals of Professional Management**, F.S. Williams, **23**, 277, 1959.
- G**
- Gains, Goals, and Gratitude, Address of the President**, J.E. Orr, **29**, 364, 1965.
- Galloway, J.E.**, Memorial to, C.B. Granberg, **30**, 162, 1966.
- General Educational Values in the Pharmacy Curriculum**, L.W. Busse, **24**, 409, 1960.
- General News**, **21**, 71, 173, 311, 457, 1957; **22**, 108, 250, 379, 540, 1958; **23**, 117, 297, 476, 620, 1959; **24**, 117, 244, 369, 545, 1960; **25**, 172, 333, 481, 606, 1961; **26**, 136, 246, 407, 555, 1962; **27**, 169, 334, 496, 645, 1963; **28**, 133, 283, 450, 615, 1964; **29**, 163, 333, 463, 618, 1965; **30**, 167, 279, 435, 514, 1966.
- Geographic Variability (The) of Pharmacy Undergraduates' Career Decisions**, R.A. Ohvall and R.W. Hammel, **28**, 29, 1964.
- Geographical Distribution (A Study of the) of Pharmacy Students for the Academic Year 1961-1962**, H.G. Hewitt, **26**, 77, 1962.
- Geographical Distribution (A Study of the) of Pharmacy Students for the Academic Year 1962-1963**, H.G. Hewitt, **27**, 94, 1963.
- Geographical Distribution (A Study of the) of Pharmacy Students for the Academic Year 1963-1964**, J.B. Sprowls, **28**, 81, 1964.
- Geographical Distribution (A Study of the) of Pharmacy Students for the Academic Year 1964-1965**, J.B. Sprowls, **29**, 92, 1965.
- Geographical Distribution (A Study of the) of Pharmacy Students for the Academic Year 1965-1966**, J.B. Sprowls, **30**, 71, 1966.
- Germany**
- Doctoral and Postdoctoral Study in, J.H. Burckhalter, **22**, 18, 1958.
 - A Sabbatical Year in (Faculty Forum), V.E. Tyler, Jr., **28**, 424, 1964.
 - (West), Studying Pharmacy in, Glenn Son-nedecker, **22**, 169, 1958.
- Gidley, W.F.**, Memorial to, anon., **29**, 461, 1965.
- Gifted Student**, See Editorial, M.R. Gibson, **22**, 529, 1958.
- Gilbert, J.M.**, Memorial to, K.L. Waters, **21**, 304, 1957.

- Gleanings from the Teachers' Seminar on Pharmacy Administration** (President's Section), P.A. Foote, **26**, 538, 1962.
- Government Service, Report of the Committee on the Status of Pharmacists in**, Loyd E. Harris, **22**, 328, 1958; **24**, 60, 1960; **25**, 96, 419, 1961; **26**, 335, 1962; **27**, 586, 1963; **28**, 551, 1964; **29**, 412, 1965; **30**, 373, 1966; R.L. Van Horne, **21**, 262, 1957.
- Grade Study (Five Year) of Pharmacy Students in the Courses Pharmaceutical Calculations and Introductory Pharmacy**, H.M. Burlage, **22**, 193, 1958.
- Grading and Evaluation of Answers, Methods for** (Part of a Panel: Examining Students in Courses in Pharmacy Administration), F.A. Grolle, **21**, 407, 1957.
- Graduate**
- Course (The) in Biogenesis at the University of Rhode Island, D.P.N. Tsao, **27**, 226, 1963.
 - Course (A) in Pharmaceutical Research Techniques at the University of Wisconsin, K.A. Connors, **24**, 191, 1960.
 - Courses, Should All Graduate Students Take a Core of?, F.P. Cosgrove, **23**, 514, 1959.
 - Education
 - in Hospital Pharmacy (See Hospital Pharmacy).
 - in Pharmaceutical Chemistry (See Pharmaceutical Chemistry as a Major for Advanced Degrees).
 - in Pharmaceutical Technology, L.W. Busse, **23**, 321, 1959.
 - in Pharmacognosy, H.W. Youngken, Jr., **23**, 343, 1959.
 - in Pharmacognosy, An Appraisal of, A.E. Schwarting, **23**, 340, 1959.
 - in Pharmacology, T.S. Miya, **23**, 335, 1959.
 - in Pharmacy Administration, J.D. McEvilla, **23**, 258, 563, 1959.
 - in Pharmacy, Relationships Between Undergraduate and, G.L. Jenkins, **24**, 501, 1960.
 - Quality Control in (President's Section), J.E. Orr, **28**, 437, 1964.
 - The Role of Pharmaceutical Chemistry in Preparing Students for Community Pharmacy and, J.E. Gearien, **25**, 570, 1961.
 - in Schools of Pharmacy, M.W. Green, **24**, 492, 1960.
 - Trends in, D.D. McKean, **24**, 487, 1960.
 - Enrollment Data, See Enrollment, Graduate Data.
 - (The) Hospital Pharmacy Program at North Dakota Agricultural College, M.C. Vincent, **24**, 351, 1960.
 - Level, Pharmacy Administration at the, R.V. Evanson, **21**, 152, 1957.
- Program**
- and Chemistry in the Five Year Program, G.P. Hager, **21**, 31, 1957.
 - Organization of a in Pharmacology, T.S. Miya, **28**, 757, 1964.
 - (A) in Pharmaceutical Extension, W.L. Blockstein and A.P. Lemberger, **30**, 473, 1966.
 - (A New): Social Studies of Pharmacy, Glenn Sonnedecker **28**, 35, 1964.
- Programs, Five Year Program and** (President's Section), L.C. Zopf, **23**, 284, 1959.
- Programs, Report of the Committee on**, E.A. Brecht, **25**, 412, 1961; E.A. Brecht, **26**, 327, 1962; E.A. Brecht, **27**, 580, 1963; J.E. Christian, **21**, 247, 1957; J.E. Christian, **22**, 312, 1958; W.L. Nobles, **24**, 45, 1960; W.L. Nobles, **25**, 76, 1961; E.A. Swinyard, **28**, 532, 1964; E.A. Swinyard, **29**, 408, 1965; V.E. Tyler, Jr., **30**, 364, 1966.
- Student, Orientation of the**, E.A. Swinyard, **28**, 763, 1964.
- Students, Should They Take a Core of Graduate Courses?**, F.P. Cosgrove, **23**, 514, 1959.
- Study**
- in the Five Year Professional Pharmacy Curriculum, Academic Preparation for, G.L. Jenkins and J.E. Christian, **23**, 367, 1959.
 - in Member Colleges, See Enrollment, Graduate Data and.
 - and Programs, See Editorial, M.R. Gibson, **24**, 228, 1960.
 - in Schools and Colleges of Pharmacy, Some Consideration of the Effect of the Extended Curriculum on, L.W. Busse, **23**, 509, 1959.
 - Is the Undergraduate Curriculum a Suitable Foundation for in Microbiology?, C.J. Sih, **29**, 213, 1965.
 - Is the Undergraduate Curriculum a Suitable Foundation for in Pharmacology?, G.V. Rossi, **29**, 218, 1965.
 - Is the Undergraduate Curriculum a Suitable Foundation for in Pharmacy?, S.P. Eriksen, **29**, 549, 1959.
 - Report of the Special Committee on Recruitment for, E.E. Smisson, **26**, 338, 1962; **27**, 589, 1963.
- Training**
- (An Approach to) in Pharmaceutical Chemistry, John Andrako, **28**, 175, 1964.
 - for Industrial Pharmacy, A.M. Mattocks, **23**, 326, 1959.

- in Literature Searching Techniques, P.F. Belcastro, **23**, 518, 1959.
- The Necessity for Research and in Synthetic Pharmaceutical Chemistry in Schools of Pharmacy, W.L. Nobles, **22**, 449, 1958.
- in Pharmacology, E.G. Gross and J.P. Long, **23**, 331, 1959.
- in Synthetic Organic Chemistry: Consensus of University of Minnesota College of Pharmacy Faculty, G.P. Hager, **22**, 440, 1958.
- in Synthetic Pharmaceutical Chemistry—A Restatement of an Opinion on the Subject, J.H. Burckhalter, **22**, 445, 1958.
- Granberg, C. Boyd: An Introduction**, M.R. Gibson, **24**, 393, 1960.
- Great Age (A) for Pharmacy**, G.L. Jenkins, **28**, 378, 1964.
- Great Britain**
Pharmaceutical Education in—A Comparative Study, J.W. Fairbairn, **22**, 1, 1958.
The Undergraduate Teaching of Pharmaceutical Chemistry in, R.T. Coutts, **29**, 703, 1965.
- Greetings (Anniversary) to Our Journal**, H.M. Burlage, **25**, 12, 1961.
- Griffith, Ivor, Memorial to**, J.E. Kramer, **26**, 244, 1962.
- Group Analysis (Functional), A Course in Drug Assaying by**, J.E. Gearien, **22**, 467, 1958.
- Growing (The) Threat to Professionalism**, P.A. Doyle, **23**, 415, 1959.
- Guide for Association Officers, Committees and Representatives**, R.A. Deno, **26**, 380, 1962.
- Guidelines for Developing a Course of Instruction (Faculty Forum)**
in Aerosols, J.J. Sciarra, **27**, 121, 1963;
in Bionucleonics, W.F. Bousquet, **27**, 125, 1963.
in Parenterals, K.E. Avis, **27**, 129, 1963;
in Radiopharmacy, J.P. Vacik, **27**, 136, 1963.
- H**
- Haag, H.B., Memorial to**, P.S. Larson and W.E. Weaver, **26**, 135, 1962.
- Hager, George P., President, A Biographical Sketch**, C.B. Granberg, **29**, 357, 1965.
- Hardt, Robert A., Remington Honor Medal Citation for**, H.H. Schaefer, **29**, 112, 1965.
- Hartung, W.H., Memorial to**, W.E. Weaver, **26**, 134, 1962.
- Haif of Your Students Will be Hospital Pharmacists!**, W.M. Heller, **24**, 309, 1960.
- Have We Kept the Faith?**, H.G. Hewitt, **26**, 449, 1962.
- Hayman, J.L., Memorial to**, F.L. Geiler, **27**, 640, 1963.
- He Knows and They Should Know That He Knows, Address of the President**, G.P. Hager, **30**, 305, 1966.
- Health of the Public, The Pharmacist's Role in Promoting**, J.B. Sprowls, **23**, 503, 1959.
- Health Professions Educational Assistance Act, The Scholarship and Loan Programs of the**, A.W. Donaldson, **30**, 457, 1966.
- Heart-Lung Preparation—New Approaches to Classic Pharmacologic Techniques**, H.J. Ponton, **28**, 802, 1964.
- High School Science Students, A Cooperative Training Program for Superior**, T.D. Malewitz, L.B. Kier, L. Remington, and P.A. Foote, **26**, 197, 1962.
- Historical Literature on Pharmacy, Some Guidelines into**, Glenn Sonnedecker, **23**, 143, 1959.
- History**
(Early) of Antiseptics and Disinfectants, G.F. Reddish, **23**, 197, 1959.
of Pharmaceutical Chemistry (With Particular Reference to German Literature), A Bibliographic Review, Wolfgang Schneider, **23**, 161, 1959.
of Pharmacognosy, Bibliographic Materials Relating to the, J.H. Hoch, **23**, 154, 1959.
of Pharmacy in the Extended Curricula, Some Notes on Teaching, Alex Berman, **24**, 282, 1963.
of Pharmacy in the Five-year Program, T.S. Grosicki, **27**, 237, 1963.
- Hogstad, Anton, Jr., Memorial to**, C.H. Larwood, **23**, 614, 1959.
- Honors Program**
Can Pharmacy Participate in an?, V.N. Bhatia, **24**, 328, 1960.
at Washington State University, The University-Wide, S.G. Hacker, **24**, 316, 1963.
- Horizons**
in Pharmaceutical Chemistry, G.P. Hager, **29**, 675, 1965.
in Pharmaceutical Education, G.L. Webster, **24**, 398, 1960.
in Professional Education, R.S. Harris, **29**, 669, 1965.

- Hospital (The)—A Pharmacology Laboratory for Pharmacy Students**, S.V. Susina, W.H. Adams, H.C. Shirkey, and W.R. Byrum, **28**, 216, 1964.
- Hospital Pharmacists, Half of your Students Will be**, W.M. Heller, **24**, 309, 1960.
- Hospital Pharmacy**
 Warren E. Weaver, **23**, 364, 1959.
 A Challenging Opportunity, D.A. Weishaar, **30**, 31, 1966.
 Education, Report of the Committee on, W.E. Weaver, **25**, 99, 1961.
 The Graduate Program in at North Dakota Agricultural College, M.C. Vincent, **24**, 351, 1960.
 An Insight into Practice of for Undergraduate Pharmacy Students, P.J. Wurdack, **29**, 251, 1965.
 A Proposal for Specialization at the Undergraduate Level, J.C. Barthwell, Jr. and W.L. Blockstein, **27**, 422, 1963.
 Report of the Joint Committee on, H.S. Carlin, **29**, 409, 1965; S.D. Feurt, **30**, 365, 1966; T.D. Rowe, **26**, 328, 1962; T.D. Rowe, **27**, 581, 1963; W.E. Weaver, **25**, 412, 1961.
 Required or Elective?, Blanche Sommers, **26**, 458, 1962.
 Trends in, E.M. Plein, **24**, 342, 1960.
- How Can We Train for Industry?** R.V. Evan-son, **22**, 210, 1958.
- How is Depth Developed?**, E.P. Claus, **24**, 437, 1960.
- How to Keep Up to Date**
 in Organic Pharmaceutical Chemistry, J.H. Burckhalter, **24**, 481, 1960.
 in Pharmacy, B.F. Cooper, **24**, 476, 1960.
 in My Specialty, Pharmacognosy, V.E. Tyler, Jr., **24**, 466, 1960.
 in My Specialty, Pharmacology, J.P. Buck-ley, **24**, 472, 1960.
- How Well do we Teach Pharmacy?**, C.O. Lee, **23**, 393, 1959.
- Human Anatomy in the Pharmacy Curricu-lum**, R.D. Coleman, **24**, 291, 1960.
- Human Relations as a Course in the Phar-macy Curriculum**, C.L. Braucher, **29**, 63, 1965.
- Humidity**, Student Experiments in Pharma-ceutical Technology. III, E.L. Parrott, **30**, 470, 1966.
- Hyde, J.B., Memorial to**, W.A. Prout, **21**, 305, 1957.
- I**
- Identification (The) of Organic Medicinal Compounds as Taught in Pharmaceutical Chemistry** (Faculty Forum), L.D. Small, **28**, 242, 1964.
- Identifying and Motivating the Talented**, W.L. Blockstein, **29**, 567, 1965.
- Importance (The) and Place of Antibiotics Instruction in the Pharmacy Curriculum**, Robertson Pratt, **26**, 502, 1962.
- Impressions of a Mission to Lebanon and Yugoslavia**, G. Valette, **22**, 62, 1958.
- Improving the Pharmacy Curricula by Re-structuring of Laboratory Periods**, Jean Brown and Anne Lowe, **24**, 174, 1960.
- India, Pharmaceutical Education in**, V.N. Bhatia, **22**, 24, 1958.
- Individual Membership, Report of the Special Committee on**, G.L. Jenkins, **26**, 337, 1962; G.L. Jenkins, **27**, 589, 1963; H.G. Hewitt, **30**, 378, 1966.
- Industrial (An) Pharmacist's Viewpoint of What Should be Taught in the Undergrad-uate Course in Manufacturing Pharmacy**, P.W. Wilcox, **23**, 539, 1959.
- Industrial Pharmacy**
 Graduate Training for, A.M. Mattocks, **23**, 326, 1959.
 See Manufacturing Pharmacy.
- Industrial Visitations, Marketing Seminar: A New Concept in**, C.A. Rodowskas, Jr., **30**, 218, 1966.
- Industry**
 An Analysis of the Economic Advantages of Education vs. in Pharmacy, R.V. Evan-son, **26**, 24, 1962.
 The Demand for Pharmacy Graduates in, F.C. Hamneress, **28**, 534, 1964.
 The Demand for Pharmacy Trained Ph.D.'s in (Part of a Symposium: Supply and Demand of Ph.D. Pharmacists), R.H. Blythe, **21**, 354, 1957.
 The Pharmacist in, P.W. Wilcox, **21**, 110, 1957.
 (Pharmaceutical)
 Clinical Research in the, R.M. Rice, **22**, 133, 1958.
 How Can We Train for?, R.V. Evan-son, **22**, 210, 1958.
 Research Today in the, E.M. Volwiler, **22**, 127, 1958.
- Influences (Liberating) of a University Edu-cation** (President's Section), R.A. Bowers, **27**, 481, 1963.

- Inorganic Pharmaceutical Chemistry, A Stimulant for**, A.I. White, **21**, 383, 1957.
- In-service Teaching Seminars at the Brooklyn College of Pharmacy**, C.L. Riess and A.G. Zupko, **26**, 58, 1962.
- Insight (An) into Hospital Pharmacy Practice for Undergraduate Pharmacy Students**, P.J. Wurdack, **29**, 251, 1965.
- Instruction in Ethics in Schools of Pharmacy**, J.R. Tatum and M.C. Smith, **28**, 404, 1964.
- Instruction, Programmed**, F.A. Walsh, **28**, 749, 1964.
- Instrumental Methods of Analysis**, N.L. Michener, **21**, 38, 1957.
- Instrumental Requirements for an Adequate Course in Pharmaceutical Analysis**, B.F. Grabowski, **29**, 533, 1965.
- Instrumental Techniques in a Pharmaceutical Chemistry Curriculum**, R.A. Wiley, **29**, 731, 1965.
- Instrumentation, A Course in Physical Measurements and**, L.A. Strait and F.M. Goyan, **23**, 544, 1959.
- Instrumentation for Pharmacodynamics**, L.A. Geddes, **28**, 788, 1964.
- Integration of Basic Pharmacy Courses**, J.B. Sprowls, **21**, 35, 1957.
- Integration (The) of Liberal and Professional Courses in Pharmacy**, G.E. Osborne, **23**, 74, 1959.
- Integrity (Ethics and) in Higher Education**, D.C. Baldwin, **27**, 41, 1963.
- Intellectual Excellence, The Paradox of**, J.G. Adams, **28**, 1, 1964.
- Interim Meeting of the AACP Executive Committee, Minutes of the**, See Executive Committee.
- Internship, Student Views on**, H.A. Smith and Irvin Steinberg, **26**, 468, 1962.
- Internship Training, Report of the Special Committee on**, R.A. Deno, **29**, 413, 1965; G.L. Webster, **30**, 375, 1966.
- Introduction to the Carbohydrates (Faculty Forum)**, F.A. Crane, **29**, 294, 1965.
- Introduction—Part of a Panel: Curriculum and Syllabi for Courses in Pharmacy Administration—Five Year Program**, R.V. Evanson, **22**, 471, 1958.
- Introductory Pharmacy, A Five Year Grade Study of Students in the Courses Pharmaceutical Calculations and**, H.M. Burlage, **22**, 193, 1958.
- Introductory Statements (Part of a Symposium: Supply and Demand of Ph.D. Pharmacists)**, A.H. Uhl, **21**, 346, 1957.
- Investigative (The) Approach in Teaching Dispensing**, G.J. Sperandio, **21**, 115, 1957.
- Iowa, State University of College of Pharmacy**, S.M. Blaug and D.P. Carew, **28**, 307, 1964.
- Issues (Some) in College Admissions**, R.L. Ebel, **27**, 8, 1963.
- J**
- Jarrett, W.A., Memorial to**, S.J. Greco, **22**, 242, 1958.
- Jenkins, Glenn L., Remington Honor Medal Citation for**, H.H. Schaefer, **28**, 98, 1964.
- Jones, J.W., Memorial to**, S.M. Blaug, **28**, 129, 1964.
- Jonsson, Sigurdur, Memorial to**, E.A. Brecht, **24**, 539, 1960.
- Jurisprudence (Pharmaceutical) in the Five Year Curriculum, Part of a Panel: Curriculum and Syllabi for Courses in Pharmacy Administration—Five Year Program**, P.A. Pumpian, **22**, 493, 1958.
- K**
- Kagy, E.O., Memorial to**, J.E. Galloway, **25**, 330, 1961.
- Kentucky, University of, Prediction of Scholastic Achievement in Pharmacy at the**, E.D. McDaniel and H.W. Stephenson, **24**, 162, 1960.
- Kinetics (Chemical), A Student Experiment in: The Hydrolysis of Chlorobutanol**, J.D. McRae, **30**, 53, 1966.
- Kjeldahl Determination of Nitrogen without Distillation**, Student Experiments in Pharmaceutical Analysis. V., J.L. Cohen and K.A. Connors, **29**, 245, 1965.
- L**
- Laboratory**
- Dispensing, The Use of Audio Equipment in the at the University of Connecticut, N.W. Fenney, **27**, 463, 1963.
- (The Drug Stability), University of Connecticut, H.G. Hewitt, **29**, 210, 1965.
- Exercises (New), Procedures or Methods (Faculty Forum) in Pharmaceutical Chemistry, C.F. Martin, **27**, 470, 1963;

- in Pharmacognosy, K.K. Kazerovskis, **27**, 468, 1963;
 in Pharmacology, A.L. Picchioni, **27**, 474, 1963;
 in Pharmacy, J.M. Evans and J.L. Lichten, **27**, 465, 1963;
 in Pharmacy Administration, Max Polinsky, **27**, 478, 1963.
- Instruction**
 for the Undergraduate Course in Manufacturing Pharmacy, The Organization of Didactic Material, Parenteral Products, K.E. Avis, **23**, 526, 1959.
 for the Undergraduate Course in Manufacturing Pharmacy, The Organization of Didactic Material, Liquids, Semiliquids, and Solids, D.L. Deardorff, **23**, 535, 1959.
- A Low-cost Tablet Disintegration Apparatus for the Undergraduate Pharmaceutical Preparations, R.F. Childs and J.R. Cole, **23**, 418, 1959.
- Periods, Improving the Pharmacy Curricula by Restructuring of, V.J. Brown and Anne Lowe, **24**, 174, 1960.
- (Pharmacognosy), A Practical Thin-layer Chromatography Technique for an Undergraduate, E.H. Taylor, **28**, 205, 1964.
- (Pharmacology), The Hospital as a for Pharmacy Students, S.V. Susina, W.H. Adams, H.C. Shirkey, and W.R. Byrum, **28**, 216, 1964.
- The Physical Pharmacy, George Zografis, **26**, 523, 1962.
- The Preparations, B.F. Cooper, **26**, 527, 1962.
- (Prescription), The Outpatient Pharmacy as an In Vivo for Pharmacy Students, H.J. Hamilton, Louise Pope, and W.M. Heller, **23**, 268, 1959.
- The Purpose of the in Pharmaceutical Education, J.I. Bodin, **26**, 520, 1962.
- The Role of the in Undergraduate Pharmacology, D.G. Wenzel, **29**, 553, 1965.
- (Student), Meaningful Evaluation of Pharmaceutical Preparations in the Undergraduate, Gerhard Levy and R.H. Guntow, **28**, 199, 1964.
- Land-grant Colleges and Universities (Contributions by) to Pharmaceutical Education**, C.P. North, **26**, 52, 1962.
- Langenhan, H.A., Memorial to**, E.M. Plein, **21**, 450, 1957.
- Latin America, A Selected Bibliography of Pharmacy in**, G.S. Gittinger, **23**, 424, 1959.
- Law (Pharmacy Act), Problems in Revision of**, T.D. Rowe, **21**, 10, 1957.
- Leading (The) of Case Discussions in Pharmacy Management**, F.A. Grolle, **22**, 512, 1958.
- Learning, Programmed, In Regard to the Application of to the Teaching of Pharmacology**, N.A. Crowder, **26**, 439, 1962.
- Lebanon and Yugoslavia, Impressions of a Mission to**, G. Valette, **22**, 62, 1958.
- Lecture**
 (A Classical), Antihypertensive Drugs, T.R. Sherrod, **28**, 726, 1964.
 (A) in Pharmaceutical Law: You're Liable to be Liable (Faculty Forum), D.W. Doerr, **29**, 590, 1965.
 (A) in Pharmacology: Diuretics (Faculty Forum), J.W. Nelson, **29**, 305, 1965.
 (A Preparatory) for an Introductory Course in Cosmetic Technology (Faculty Forum), V.J. Brown, **29**, 583, 1965.
- Lecturer (Visiting) Series, Adventures in Course and Curriculum Building**, H.M. Burlage, **24**, 170, 1960.
- Legal Aspect of Requiring Continuing Education for Licensure Renewal**, J.R. McCowan, **30**, 486, 1966.
- Leitch, M.L., Memorial to**, F.B. Gable, **27**, 332, 1963.
- Leonard, E.O., Memorial to**, J.V. Bergen, **29**, 159, 1965.
- Letter (A) from Dr. Ernest Little**, Ernest Little, **21**, 9, 1957.
- Letters**, **22**, 370, 1958; **23**, 291, 469, 1959; **26**, 396, 543, 1962; **27**, 486, 1963.
- Liberal Education**
 and American Pharmacy, K.P. Bunnell, **23**, 37, 1959.
 and American Pharmacy, A Bibliography, K.P. Bunnell, **23**, 59, 1959.
 and Pharmacy (Editorial), C.B. Granberg, **26**, 119, 1962.
 for Pharmacy Students (Editorial), M.R. Gibson, **22**, 92, 1958.
- Liberal and Professional Courses in Pharmacy, The Integration of**, G.E. Osborne, **23**, 74, 1959.
- Liberal Studies in Continuing Education**, E.P. Turner, **30**, 491, 1966.
- Librarian, Function of the Library and in Keeping Up to Date**, R.E. Ellsworth, **24**, 459, 1960.

Libraries (Pharmacy College), Report of the Joint Committee on, P.F. Belcastro, **26**, 313, 1962; P.F. Belcastro, **27**, 565, 1963; O.M. Littlejohn, **28**, 522, 1964; O.M. Littlejohn, **29**, 399, 1965; F.L. Mercer, **30**, 355, 1966; G.E. Osborne, **21**, 229, 1957; G.E. Osborne, **22**, 297, 1958; G.E. Osborne, **24**, 32, 1960; G.E. Osborne, **25**, 51, 1961; Glenn Sonnedecker, **25**, 395, 1961.

Library, Changing Objectives of the Pharmacy College, Philip Rosenstein, **27**, 248, 1963.

Library and Librarian, Function of the in Keeping Up to Date, R.E. Ellsworth, **24**, 459, 1960.

Library's (The) Responsibility to the Pharmacy Faculty, M.J.K. Zachert, **22**, 77, 1958.

Licensure Renewal, Legal Aspect of Requiring Continuing Education for, J.R. McCowan, **30**, 486, 1966.

Lilly, Eli, Remington Honor Medal Citation for, H.H. Schaefer, **23**, 97, 1959.

Lipids (The Simple): Introduction (Faculty Forum), C.C. Albers, **30**, 255, 1966.

Literature Searching Techniques, Graduate Training in, P.F. Belcastro, **23**, 518, 1959.

Little, Dr. Ernest, A Letter from, Ernest Little, **21**, 9, 1957.

Lloyds of Cincinnati, G.D. Beal, **23**, 202, 1959.

Look (A) at Marketing in the Pharmacy Curriculum, N.A. Campbell, **29**, 231, 1965.

Low-cost (A) Tablet Disintegration Apparatus for the Undergraduate Pharmaceutical Laboratory, R.F. Childs and J.R. Cole, **23**, 418, 1959.

Lund, R.L. Memorial to, Walter Rist, **21**, 305, 1957.

Lyman, Rufus Ashley
Memorial to, J.B. Burt, **22**, 100, 1958; M.R. Gibson, **22**, 102, 1958; R.A. Lyman, Jr., **22**, 100, 1958.
Memorial Fund (Editorial), M.R. Gibson, **22**, 369, 1958.

Lyman Hall, J.B. Burt, **24**, 143, 1960.

"Lyman's Journal," Ernest Little, **25**, 10, 1961.

Lynn File (The), J.W. Schermerhorn and M.W. Quimby, **22**, 64, 1958.

Lynn Index (The), A Report of Progress, M.W. Quimby, **23**, 598, 1959.

Lytle, A.C., Jr., Memorial to, Arthur Tye, **27**, 641, 1963.

M

Magnetic Tape Storage of Biopotentials, H.I. Runion and C.C. Riedesel, **29**, 524, 1965.

Making Postgraduate Refresher Courses More Practical, L.E. Kazin, **23**, 32, 1959.

Management
The Leading of Case Discussions in, F.A. Grolle, **22**, 512, 1958.
and Merchandising, Part of a Panel: Curriculum and Syllabi for Courses in Pharmacy Administration—Five Year Program, R.V. Evanson, **22**, 486, 1958.
Part of a Panel: Curriculum and Syllabi for Courses in Pharmacy Administration—Five Year Program, E.J.W. Hall, **22**, 482, 1958.
(Pharmaceutical), Development of a Program to Stimulate Interest in Pharmaceutical Marketing and, A.T. Buatti, **21**, 416, 1957.
(Professional), Fundamentals of, F.S. Williams, **23**, 277, 1959.
Simulation Exercise (The): Its Use in Pharmacy Administration, M.D. Jacoff, **29**, 558, 1965.
(Pharmacy)
The Case Method as a Tool in the Teaching of, F.A. Grolle, **21**, 421, 1957.
How Satisfactory the Preparation?, C.R. Harrison, **29**, 54, 1965.
Students, The Teaching of Store Layout Principles to, A.C. Lytle, Jr., **23**, 594, 1959.

Manpower Survey (The Pharmacy) (President's Section), L.M. Parks, **26**, 117, 1962.

Manufacturers (Pharmaceutical), A Defense of (Editorial), M.R. Gibson, **23**, 108, 1959.

Manufacturing Pharmacy
Control, C.B. Granberg, **21**, 106, 1957.
Course Content, A.M. Mattocks, **21**, 99, 1957.
Courses, The Place of in the Pharmacy Curriculum, V.N. Bhatia, **21**, 96, 1957.
An Industrial Pharmacist's Viewpoint of What Should Be Taught in the Undergraduate Course in, P.W. Wilcox, **23**, 539, 1959.
Laboratory, A Research and, D.L. Deardorff, **21**, 90, 1957.
Liquids, Semi-liquids, and Solids: The Organization of Didactic Material and Laboratory Instruction for the Undergraduate Course in, D.L. Deardorff, **23**, 535, 1959.
Objectives and Scope of the Undergraduate Course in, A.M. Mattocks, **23**, 523, 1959.

- Parenteral Products, The Organization of Didactic Material and Laboratory Instruction for the Undergraduate Course in, K.E. Avis, **23**, 526, 1959.
- Marketing**
(A Look at) in the Pharmacy Curriculum, N.A. Campbell, **29**, 231, 1965.
(Marketing Drug Products), Part of a Panel: Curriculum and Syllabi for Courses in Pharmacy Administration—Five Year Program, J.A. Lynch, **22**, 491, 1958.
(Pharmaceutical) and Management, Development of a Program to Stimulate Interest in, A.T. Buatti, **21**, 416, 1957.
(Pharmaceutical Industry) as Part of an Undergraduate Pharmacy Administration Program, W.H. Helfand, **28**, 67, 1964.
- Marketing Seminar: A New Concept in Industrial Visitations**, C.A. Rodowskas, Jr., **30**, 218, 1966.
- Marriages**, **21**, 69, 171, 307, 452, 1957; **22**, 105, 248, 375, 535, 1958; **23**, 114, 296, 616, 1959; **24**, 114, 242, 365, 1960; **25**, 170, 472, 601, 1961; **26**, 129, 241, 402, 548, 1962; **27**, 167, 329, 634, 1963; **28**, 127, 277, 443, 610, 1964; **29**, 157, 330, 455, 611, 1965; **30**, 275, 430, 508, 1966.
- Mathematics, The Revolution in School**, W.E. Ferguson, **29**, 14, 1965.
- Mathematics (Pharmaceutical)**
The Scope of, O.H. Miller, **22**, 426, 1958.
See Calculations (Pharmaceutical).
- Matthes, J.D., Memorial to**, anon, **27**, 333, 1963.
- McCloskey, J.F., Memorial to**, E.J. Ireland, **22**, 240, 1958.
- Meaningful Evaluation of Pharmaceutical Preparations in the Undergraduate Student Laboratory**, Gerhard Levy and R.H. Guntow, **28**, 199, 1964.
- Measurements (Physical) and Instrumentation, A Course in**, L.A. Strait, L.D. Tuck, and F.M. Goyan, **23**, 544, 1959.
- Medical Colleges (American), The Association of**, Lee Powers, **24**, 149, 1960.
- Medical Profession, What it Expects the Pharmacist to Know About Pharmacology**, F.T. Maher, **28**, 658, 1964.
- Medical Research, The Next Decade of Support for**, E.M. Allen, **25**, 211, 1961.
- Medical Sociology in the Education of Pharmacy Students**, R.M. Gray, L.D. Hiner, and Elton Newman, **26**, 169, 1962.
- Medical Students (Orientation of) to Pharmacy**, S.M. Blaug, **25**, 251, 1961.
- Medicine Chests (From) to Accreditation**, W.K. Selden, **27**, 1, 1963.
- Medicine Stamps, Private Die Proprietary**, V.E. Tyler, Jr., **23**, 207, 1959.
- Medicine vs. Ubat**, Lorraine Gribbens, **26**, 475, 1962.
- Melton, H.E., Memorial to**, J.V. Crandall, **22**, 247, 1958.
- Membership (Committee on Individual), Report of the Special**, G.L. Jenkins, **26**, 337, 1962; G.L. Jenkins., **27**, 589, 1963; H.G. Hewitt, **30**, 378, 1966.
- Membership Standards, Report of the Committee on Educational and**, G.P. Hager, **24**, 28, 1960; A.J. Sica, **25**, 48, 1961; G.J. Sperandio, **22**, 296, 1958.
- Memorials**, **21**, 167, 304, 450, 1957; **22**, 100, 240, 373, 532, 1958; **23**, 293, 470, 613, 1959; **24**, 113, 238, 536, 1960; **25**, 171, 330, 477, 601, 1961; **26**, 132, 244, 406, 1962; **27**, 168, 331, 495, 639, 1963; **28**, 129, 279, 449, 1964; **29**, 159, 460, 617, 1965; **30**, 162, 278, 1966.
- Memorial to**
C.W. Ballard, E.E. Leuallen, **27**, 639, 1963.
L.S. Blake, S.T. Coker, **24**, 113, 1960.
Philip Blank, anon., **27**, 495, 1963.
F.T. Bradt, H.E. Bailey and R.T. Lakey, **25**, 171, 1961.
C.M. Brown, F.W. Bope, **25**, 479, 1961.
E.F. Cook, H.P. Frank, **25**, 478, 1961.
Z.M. Cooper, J.W. Jones and G.A. Wiese, **25**, 477, 1961.
C.L. Cox, M.J. Rodman, **22**, 532, 1958.
G.E. Crossen, L.A. Sciuchetti, **22**, 523, 1958.
J.E. Davis, D.M. Martin, R.A. Grundman, and B.H. Gold, **22**, 370, 1958.
O.K. DeFoe, Walter Rist, **25**, 601, 1961.
Francis Downing, anon., **29**, 460, 1965.
M.S. Dunn, anon., **28**, 449, 1964.
Bess Emch, C.H. Larwood, **25**, 479, 1961.
H.M. Faser, A.A. Dodge, **24**, 240, 1960.
J.K. Finnegan, W.E. Weaver, **23**, 613, 1959.
E.B. Fischer, G.P. Hager, **25**, 331, 1961.
J.E. Fogleson, E.L. Hammond, **21**, 304, 1957.
J.E. Galloway, C.B. Granberg, **30**, 162, 1966.
W.F. Gidley, anon., **29**, 461, 1965.
J.M. Gilbert, K.L. Waters, **21**, 304, 1957.
Ivor Griffith, J.E. Kramer, **26**, 244, 1962.

- H.B. Haag, P.S. Larson and W.E. Weaver, **26**, 135, 1962.
 W.H. Hartung, W.E. Weaver, **26**, 134, 1962.
 J.L. Hayman, F.L. Geiler, **27**, 640, 1963.
 Anton Hogstad, Jr., C.H. Larwood, **23**, 614, 1959.
 J.B. Hyde, W.A. Prout, **21**, 305, 1957.
 W.A. Jarrett, S.J. Greco, **22**, 242, 1958.
 J.W. Jones, S.M. Blaug, **28**, 129, 1964.
 Sigurdur Jonsson, E.A. Brecht, **24**, 539, 1960.
 E.O. Kagy, J.E. Galloway, **25**, 330, 1961.
 H.A. Langenhan, E.M. Plein, **21**, 450, 1957.
 M.L. Leitch, F.B. Gable, **27**, 332, 1963.
 E.O. Leonard, J.V. Bergen, **29**, 159, 1965.
 R.L. Lund, Walter Rist, **21**, 305, 1957.
 R.A. Lyman, J.B. Burt, **22**, 100, 1958; M.R. Gibson, **22**, 102, 1958; R.A. Lyman, Jr., **22**, 100, 1958.
 A.C. Lytle, Jr., Arthur Tye, **29**, 641, 1963.
 J.D. Matthes, anon., **27**, 333, 1963.
 J.F. McCloskey, E.J. Ireland, **22**, 240, 1958.
 H.E. Melton, J.V. Crandall, **22**, 247, 1958.
 J.W. Millar, T.C. Daniels, **21**, 169, 1957.
 C.E. Mollett, R.L. Van Horne, **28**, 132, 1964.
 I.W. Myers, B.E. Benton, **21**, 306, 1957.
 Eino Nelson, D.H. Murray, **30**, 278, 1966.
 W.R. Neville, Jr., anon., **27**, 168, 1963.
 H.C. Newton, J.T. Fay, Jr., **28**, 279, 1964.
 E.H. Niles, N.L. Michener, A.A. Harwood, and E.J. Rowe, **23**, 293, 1959.
 C.L. O'Connell, J.A. Bianculli, **23**, 294, 1959.
 L.M. Ohmart, H.C. Newton, **22**, 244, 1958.
 W.A. Pearson, C.A. Andreson, **23**, 470, 1959.
 G.F. Reddish, anon., **26**, 406, 1962.
 J.A. Reese, anon., **29**, 160, 1965.
 E.C. Reif, J.A. Bianculli, **26**, 132, 1962.
 W.H. Rivard, B.A. Barton, **21**, 168, 1957.
 C.H. Robers, G.P. Hager, **27**, 642, 1963.
 O.E.M. Ruhmer, C.L. Riess, **23**, 613, 1959.
 E.R. Serles, R.E. Terry, **21**, 167, 1957.
 Edward Spease, C.O. Lee, **22**, 102, 1958.
 K.E. Spoerk, C.A. Andreson, **30**, 164, 1966.
 Gail Stapleton, J.V. Bergen, **30**, 165, 1966.
 L.R. Stezzi, anon., **25**, 601, 1961.
 C.H. Stocking, Lee Worrell, **22**, 243, 1958.
 W.F. Sudro, C.E. Miller, **22**, 104, 1958.
 W.C. Sunkes, C.A. Andreson, **30**, 163, 1966.
 R.L. Swain, J.B. Sprowls, **27**, 331, 1963.
 W.J. Teeters, R.A. Kuever, **24**, 238, 1960.
 George Urdang, Glenn Sonnedecker, **24**, 536, 1960.
 J.H. Weatherby, W.E. Weaver, **27**, 643, 1963.
 H.A.K. Whitney, D.E. Francke, **22**, 245, 1958.
 Stephen Wilson, W.L. Blockstein, **28**, 130, 1964.
 H.C. Wood, Jr., Ivor Griffith, **22**, 532, 1958.
 H.W. Youngken, Sr., J.T. Fay, Jr., **27**, 643, 1963.
Method (A) of Achieving the Objectives of Accounting in the Pharmacy Curriculum, Part of a Panel: Curriculum and Syllabi for Courses in Pharmacy Administration—Five Year Program, J.D. McEvilla, **22**, 474, 1958.
Methods for Grading and Evaluation of Answers (Part of a Panel: Examining Students in Pharmacy Administration), M.W. Green, **21**, 402, 1957; F.A. Grolle, **21**, 407, 1957.
Methods (New Laboratory Exercises, Procedures, or), See Faculty Forum.
Methods (The Objectives and) of the Seminar, **29**, 665, 1965.
Merchandising and Management, Part of a Panel: Curriculum and Syllabi for Courses in Pharmacy Administration—Five Year Program, R.V. Evanson, **22**, 486, 1958.
Michigan (The University of) Pharmacy Research Building, R.A. Deno, **25**, 203, 1961.
Microbiology, Is the Undergraduate Curriculum a Suitable Foundation for Graduate Study in?, C.J. Sih, **29**, 213, 1965.
Microbiology (Pharmaceutical), Looks Ahead, G.F. Reddish, **21**, 139, 1957.
Millar, J.W., Memorial to, T.C. Daniels, **21**, 169, 1957.
Minnesota (University of), Consensus of the Pharmacy Faculty of on Graduate Training in Synthetic Organic Chemistry, G.P. Hager, **22**, 400, 1958.
Minutes of the AACP Executive Committee, See Executive Committee.
Motivate the Talented Early, J.A. Biles, **28**, 229, 1964.
Motivating Influences to the Study of Pharmacy, H.M. Burlage, **27**, 75, 1963.
Myers, I.W., Memorial to, B.E. Benton, **21**, 306, 1957.
Myograph, An Electrical Caliper, L.A. Geddes, H.E. Hoff, A. Moore, and M. Hinds, **30**, 209, 1966.

N

- National Advisory Commission on Careers in Pharmacy, Report of the Representative to the, K.L. Kaufman, 25, 423, 1961; 26, 222, 1962.**
- National Association of Retail Druggists, Report of the Representative to the, R.A. Bowers, 27, 114, 1963; R.A. Deno, 21, 45, 1957.**
- National Drug Trade Conference (President's Section), R.A. Bowers, 27, 614, 1963.**
- National Drug Trade Conference, Report of the Representatives to the, C.W. Bliven, L.M. Parks, and J.B. Sprowls, 26, 217, 1962; C.W. Bliven, L.M. Parks, and J.B. Sprowls, 27, 299, 1963; E.E. Leuallen, L.M. Parks, and J.B. Sprowls, 25, 307, 1961; E.E. Leuallen, J.B. Sprowls, and H.H. Schaefer, 24, 216, 1960; H.H. Schaefer, L.F. Tice, and R.A. Bowers, 21, 271, 1957; H.H. Schaefer, L.F. Tice, and R.A. Bowers, 22, 336, 1958.**
- National Formulary (Use of the Official Compendia and Particularly the), in the Pharmacy School Curriculum, E.G. Feldmann, 27, 193, 1963.**
- National Institutes of Health, Criteria for Participation in Programs in Pharmacology in the, J.F. Sherman, 28, 693, 1964.**
- National Purpose, Pharmacy's, H.C. McAllister, 25, 511, 1961.**
- National Science Foundation Science Faculty Fellowship Program, W.L. Nobles, 23, 554, 1959.**
- Natural Product Chemistry, The Teaching of, E.E. Smisson, 29, 737, 1965.**
- Necessity (The) of Keeping Up to Date in Pharmacognosy, V.E. Tyler, Jr., 24, 464, 1960.**
- Necessity (The) for Research and Graduate Training in Synthetic Pharmaceutical Chemistry in Schools of Pharmacy, W.L. Nobles, 22, 449, 1958.**
- Need (The) for Recognizing Pharmaceutical (Medicinal) Chemistry as a Basic Health Science, E.C. Jorgensen, 28, 178, 1964.**
- Nelson, Eino, Memorial to, D.H. Murray, 30, 278, 1966.**
- Netherlands, Pharmaceutical Education in the, J.S. Faber and W.C. McCarthy, 22, 34, 1958.**
- Neville, W.R., Jr., Memorial to, anon., 27, 168, 1963.**
- New Books, See Books, New.**
- New Developments in Psychopharmacology, N.J. Giarman, 28, 700, 1964.**
- New (A) Graduate Program: Social Studies in Pharmacy, Glenn Sonnedecker, 28, 35, 1964.**
- New Ideas in Autonomic Pharmacology, R.P. Ahlquist, 28, 708, 1964.**
- New Little People, See Births.**
- New (A) Plan for Pharmacy Education, G.L. Jenkins, 22, 165, 1958.**
- New Staff Members, 25, 170, 329, 472, 601, 1961; 26, 129, 241, 402, 548, 1962; 27, 167, 329, 492, 635, 1963; 28, 127, 277, 443, 610, 1964; 29, 157, 330, 455, 612, 1965; 30, 160, 276, 430, 509, 1966.**
- Newer Developments in Biochemical Pharmacology, S.E. Mayer, 28, 711, 1964.**
- News, General, See General News.**
- Newton, H.C., Memorial to, J.T. Fay, Jr., 28, 279, 1964.**
- NIH, Report of the Special Committee on Pharmaceutical Science and, Takeru Higuchi, 30, 379, 1966.**
- Niles, E.H., Memorial to, N.L. Michener, A.A. Harwood, and E.J. Rowe, 23, 293, 1959.**
- North Carolina (The University of) School of Pharmacy, E.A. Brecht, 24, 139, 1960.**
- North Dakota Agricultural College, The Graduate Hospital Pharmacy Program at, M.C. Vincent, 24, 351, 1960.**
- Northern and Central Europe, Pharmaceutical Chemistry in the Training of Pharmacists in, Egil Ramstad, 29, 710, 1965.**
- Norway, Pharmaceutical Education in, Einar Brochmann-Hanssen, 22, 9, 1958.**
- Note (A) on Continuing Education at Temple University, J.B. Sprowls, 23, 27, 1959.**
- Notes (Some) on Teaching History of Pharmacy in the Extended Curricula, Alex Berman, 24, 282, 1960.**
- Nucleic Acids, The Chemistry and Biology of (Faculty Forum), W.G. Hansen, 30, 99, 1966.**

O

Objectives

- and Approaches to Undergraduate Research in Pharmacy Administration, R.A. Ohvall, 28, 225, 1964.**

- (Changing) of the Pharmacy College Library, Philip Rosenstein, **27**, 248, 1963.
- (The) and Methods of the Seminar, G.R. Paterson, **29**, 665, 1965.
- and Scope of the Undergraduate Course in Manufacturing Pharmacy, A.M. Matlocks, **23**, 523, 1959.
- (The) of Undergraduate Pharmacology, G.V. Rossi, **28**, 669, 1964.
- O'Connell, C.L., Memorial to, J.A. Bianculli, 23**, 294, 1964.
- Officers (Guide for Association), Committees and Representatives, R.A. Deno, 26**, 380, 1962.
- Official Compendia, Chemical Compounds in the, G.E. Osborne, 26**, 19, 1962.
- Official Compendia (Use of the), and Particularly the National Formulary, in the Pharmacy School Curriculum, E.G. Feldmann, 27**, 193, 1963.
- Ohmart, L.M., Memorial to, H.C. Newton, 22**, 244, 1958.
- Opinions on Continuing Education, C.W. Hartman and C.E. Watkins, 27**, 426, 1963.
- Oral Sustained-release Dosage Forms (Faculty Forum), G.M. Krause, 30**, 261, 1966.
- Organic Chemistry (Synthetic), Graduate Training in: Consensus of University of Minnesota College of Pharmacy Faculty, G.P. Hager, 22**, 440, 1958.
- Organic Medicinal Compounds (The Identification of) as Taught in Pharmaceutical Chemistry (Faculty Forum), L.D. Small, 28**, 242, 1964.
- Organic Medicinals (An) Course for Pharmacists of Today and the Next Decade, B.N. Patel, 25**, 540, 1961.
- Organic Pharmaceutical Chemistry, K.A. Nieforth, 29**, 267, 1965.
- Organic Pharmaceutical Chemistry, How to Keep Up to Date in, J.H. Burckhalter, 24**, 481, 1960.
- Organization**
- (The) of Didactic Material and Laboratory Instruction for the Undergraduate Course in Manufacturing Pharmacy: Liquids, Semi-liquids, and Solids, D.L. Deardorff, **23**, 535, 1959.
- (The) of Didactic Material and Laboratory Instruction for the Undergraduate Course in Manufacturing Pharmacy: Parenteral Products, K.E. Avis, **23**, 526, 1959.
- and Expansion of Instruction in Pharmacy Administration, R.V. Evanson, **30**, 478, 1966.
- of a Graduate Program in Pharmacology, T.S. Miya, **28**, 757, 1964.
- Orientation**
- of the Graduate Student, E.A. Swinyard, **28**, 763, 1964.
- (Pharmacy), A Course in, C.L. Huyck, **22**, 179, 1958.
- to the Profession, An Avenue to, M.W. Green, **24**, 277, 1960.
- (Teaching Professional), R.A. Deno, **24**, 265, 1960.
- Orr, Jack E., President, A Biographical Sketch, C.B. Granberg, 28**, 475, 1964.
- Our Journal in the Next 25 Years, H.G. Hewitt, 25**, 13, 1961.
- Our Reach and Our Grasp (President's Section), G.P. Hager, 29**, 433, 1965.
- Outpatient (The) Pharmacy as an In Vivo Prescription Laboratory for Pharmacy Students, H.J. Hamilton, Louise Pope, and W.M. Heller, 23**, 268, 1959.

P

- Panel: Curriculum and Syllabi for Courses in Pharmacy Administration—Five Year Program, 22**, 471, 1958.
- Paradox (The) of Intellectual Excellence, J.G. Adams, 28**, 1, 1964.
- Parenteral Products, The Organization of Didactic Material and Laboratory Instruction for the Undergraduate Course in Manufacturing Pharmacy, K.E. Avis, 23**, 526, 1959.
- Parks, Lloyd M., President, A Biographical Sketch, C.B. Granberg, 25**, 359, 1961.
- Part (A) of the Past, R.A. Lyman, Jr., 25**, 559, 1961.
- Participation (The) of Pharmaceutical Chemists in a Continuing Education Program, G.R. Paterson, 29**, 785, 1965.
- Particle Size Distribution Measurements, Student Experiments in Pharmaceutical Technology. I., E.L. Parrott and A.M. Salpekar, 30**, 196, 1966.
- Past Officers, American Association of Colleges of Pharmacy, and Past Places of Meeting, 22**, 367, 1958; **24**, 107, 1960; **25**, 163, 459, 1961; **26**, 378, 1962; **27**, 630, 1963; **28**, 595, 1964; **29**, 450, 1965; **30**, 420, 1966.
- Pathology (General) for Students of Pharmacy, A Course in, J.S. Wellington, 24**, 296, 1960.

- Pearson, W.A., Memorial to, C.A. Andreson, 23, 470, 1959.**
- Pendulum (The) Swings in Chemistry, R.T. Morrison, 29, 8, 1965.**
- Percentage of Error, The Development and Use of Equations in Determining in Compounding (Faculty Forum), C.T. Lesschafft, Jr., 29, 125, 1965.**
- Pharm Lit: A Report, Ralph Bienfang, 26, 481, 1962.**
- Pharmaceutical Calculations**
Do You Favor Including Statistics in the Course in? (Faculty Forum), Gerhard Levy, 26, 99, 1962; R.C. Mason, 26, 98, 1962.
and Introductory Pharmacy, A Five Year Grade Study of Pharmacy Students in the Courses, H.M. Burlage, 22, 193, 1958.
A Programmed Text in, W.A. Lowenthal, 30, 212, 1966.
- Pharmaceutical Caravan (The): A Means of Postgraduate Education, E.S. Brady, 23, 11, 1959.**
- Pharmaceutical Chemistry**
A Bibliographic Review of the History of (With Particular Reference to German Literature), Wolfgang Schneider, 23, 161, 1959.
The Curriculum in a Pharmaceutical Science Program (Four Year), J.H. Burckhalter, 29, 688, 1965.
The Curriculum in a Professional Program, P.F. Smith, 29, 683, 1965.
(Inorganic), A Stimulant for, A.I. White, 21, 383, 1957.
as a Major for Advanced Degrees, W.H. Hartung, 23, 351, 1959.
(Organic), How to Keep Up to Date in, J.H. Burckhalter, 24, 581, 1960.
(The Role of Courses in) in Preparing Students for Community Pharmacy and Graduate Education, J.E. Gearien, 25, 570, 1961.
and the Seminar for Practicing Pharmacists: A Problem in Communication, E.S. Brady, 22, 454, 1958.
Warp and Woof (The) of and Pharmacognosy, A.H. Beckett and E.J. Shellard, 26, 486, 1962.
Warp and Woof (The) of Pharmacognosy and, V.E. Tyler, Jr., 26, 491, 1962.
What Basic Course Offerings Should be Required in and how can these Courses be Strengthened?, P.F. Smith, 25, 582, 1961.
- Pharmaceutical Chemistry (Synthetic)**
Graduate Training in, A Restatement of an Opinion on the Subject, J.H. Burckhalter, 22, 445, 1958.
in Schools of Pharmacy, The Necessity for Research and Graduate Training in, W.L. Nobles, 22, 449, 1958.
- Pharmaceutical Chemists, Participation of in a Continuing Education Program, G.R. Paterson, 29, 785, 1965.**
- Pharmaceutical Companies, An Appraisal of College of Pharmacy Tours of, Edward Stempel, 28, 18, 1964.**
- Pharmaceutical Curriculum, Public Health in the, W.W. Stiles and Shirley Cooper, 24, 204, 1960.**
- Pharmaceutical Education**
The Application of Group Thinking Techniques to the Problems of, L.H. Bristol, Jr., 22, 143, 1958.
Belgian, T.O. King and Aubin Heyndrickx, 22, 23, 1958.
Contributions by Land-grant Colleges and Universities to, C.P. North, 26, 52, 1962.
in Central and South America, A.E. James, 22, 51, 1958.
in Costa Rica, R.A. Deno, 25, 275, 1961.
in Denmark, V.G. Jensen, 28, 6, 1964.
A Dual Challenge, André Archambault, 29, 235, 1965.
in Ethiopia (Faculty Forum), E.T. Brown, 28, 420, 1964.
The First Application of Group Ideation to Curriculum Development, The Bobst-Columbia Plan for, Leo Roon and E.E. Leuallen, 22, 147, 1958.
in Great Britain—A Comparative Study, J.W. Fairbairn, 22, 1, 1958.
Horizons in, G.L. Webster, 24, 398, 1960.
How the American Society of Pharmacognosy is Aiding (Faculty Forum), L.R. Brady, 26, 532, 1962; N.R. Farnsworth, 26, 534, 1962; Rolf Westby and G.H. Svodboda, 26, 536, 1962.
in India, V.N. Bhatia, 22, 24, 1958.
and Industry, Cooperation (Editorial), C.B. Granberg, 26, 540, 1962.
in the "New Frontier" (President's Section), P.A. Foote, 26, 362, 1962.
in Norway, Einar Brochmann-Hanssen, 22, 9, 1958.
and Pharmaceutical Aspiration (President's Section), G.P. Hager, 29, 322, 1965.
Pharmacy and, N.H. Meyer, 21, 6, 1957.
Physical Chemistry in, F.M. Goyan, 22, 457, 1958.

- in Poland, Witold Saski and Henryk Bukowiecki, **22**, 38, 1958.
- The Purpose of the Laboratory in, J.I. Bodin, **26**, 520, 1962.
- A Reorientation in, D.H. Murray, **26**, 182, 1962.
- Some Missing Links in, W.S. Apple, **25**, 222, 1961.
- Specialization in, L.F. Tice, **24**, 427, 1960.
- Twenty-five Years from Now, T.D. Rowe, **23**, 89, 1959.
- in the United States, H.G. Hewitt, **22**, 155, 1958.
- Value of Foundations to, L.E. Blauch, **22**, 139, 1958.
- What is Wrong With?, A.N. Jorgensen, **21**, 1, 1957.
- What's Dangerous to, R.A. Lyman, Jr., **21**, 4, 1957.
- Pharmaceutical Ethics**, K.L. Kauman, **23**, 213, 1959.
- Pharmaceutical Extension in Developing the Case-Problem Method in Pharmacy Administration**, The Use of, R.G. Kedersha and J.L. Voigt, **21**, 149, 1957.
- Pharmaceutical Extension Service**, J.L. Voigt, **23**, 9, 1959.
- Pharmaceutical Extension, A Graduate Program in**, W.L. Blockstein and A.P. Lemberger, **30**, 473, 1966.
- Pharmaceutical Faculties, The Canadian Conference of**, G.R. Paterson, **22**, 201, 1958.
- Pharmaceutical Industry**
- Clinical Research in the, R.M. Rice, **22**, 133, 1958.
- Marketing as Part of an Undergraduate Pharmacy Administration Program, W.H. Helfand, **28**, 67, 1964.
- Today, Research in the, E.H. Volwiler, **22**, 127, 1958.
- Pharmaceutical Jurisprudence in the Five Year Curriculum**, Part of a Panel: Curriculum and Syllabi for Courses in Pharmacy Administration—Five Year Program, P.A. Pumpian, **22**, 493, 1958.
- Pharmaceutical Law, A Lecture in: You're Liable to be Liable (Faculty Forum)**, D.W. Doerr, **29**, 590, 1965.
- Pharmaceutical Manufacturers, Defense of (Editorial)**, M.R. Gibson, **23**, 108, 1959.
- Pharmaceutical Marketing and Management, Development of a Program to Stimulate Interest in**, A.T. Buatti, **21**, 416, 1957.
- Pharmaceutical Mathematics, The Scope of**, O.H. Miller, **22**, 426, 1958.
- Pharmaceutical Microbiology Looks Ahead**, G.F. Reddish, **21**, 193, 1957.
- Pharmaceutical Outlook, Constants and Variables in the**, W.P. Briggs, **21**, 338, 1957.
- Pharmaceutical Preparations Laboratory, A Low-cost Disintegration Apparatus for the Undergraduate**, R.F. Childs and J.R. Cole, **23**, 418, 1959.
- Pharmaceutical Research, Advanced Education for**, R.H. Blythe, **25**, 564, 1961.
- Pharmaceutical Research Techniques at the University of Wisconsin, A Graduate Course in**, K.A. Connors, **24**, 191, 1960.
- Pharmaceutical Science and NIH, Report of the Special Committee on**, Takeru Higuchi, **30**, 379, 1966.
- Pharmaceutical Science, Physical Chemical Principles in**, Physical Pharmacy, A.N. Martin, **22**, 462, 1959.
- Pharmaceutical Sciences, Creating a Climate for Basic Research in**, M.W. Green, **25**, 286, 1961.
- Pharmaceutical Technology, Graduate Education in**, L.W. Busse, **23**, 321, 1959.
- Pharmaceuticals (Classical Semi-solids) and Rheology. A Note**, Bernard Ecanow, **28**, 411, 1964.
- "Pharmaceutics," Report of the Special Committee on Use of the Term**, H.O. Thompson, **28**, 556, 1964.
- Pharmacist**
- The Consultant, L.W. Rising, **23**, 411, 1959.
- (Community), Determining the Role of the, D.A. Knapp, D.E. Knapp, and R.V. Evanson, **29**, 274, 1965.
- (The) in Industry, P.W. Wilcox, **21**, 110, 1957.
- An Organic Medicinal Course for the of Today and the Next Decade, B.N. Patel, **25**, 540, 1961.
- The Role of the in Civil Defense, J.A. Biles, **25**, 106, 1961.
- A Survey of Refresher Programs Offered the by Colleges of Pharmacy, A.G. Zupko, **21**, 16, 1957.
- What the Medical Profession Expects the to Know About Pharmacology, F.T. Maher, **28**, 658, 1964.
- Pharmacists**
- (Hospital), Half of Your Students Will be, W.M. Heller, **24**, 309, 1960.
- (Practicing), Pharmaceutical Chemistry and the Seminar for: A Problem in Communications, E.S. Brady, **22**, 454, 1958.

- (Practicing), Topics they Prefer on Refresher Programs, C.L. Huyck, **24**, 185, 1960.
- and Research Opportunities, George Squibb, **23**, 248, 1959.
- (Retail), Should Board of Pharmacy Membership be Restricted to?, A.J. Sica, **25**, 50, 1965.
- (Retail) Support of Colleges of Pharmacy, See Dr. Lyman Comments, **22**, 96, 1958.
- Pharmacist's**
- (An Industrial) Viewpoint of What Should be Taught in the Undergraduate Course in Manufacturing Pharmacy, P.W. Wilcox, **23**, 539, 1959.
- (The) Role in Promoting the Health of the Public, J.B. Sprowls, **23**, 503, 1959.
- Pharmacodynamics, Instrumentation for**, L.A. Geddes, **28**, 788, 1964.
- Pharmacognosist's (A) Contribution to the Field of Allergy**, E.P. Claus, **23**, 259, 1959.
- Pharmacognosy**
- Achieving Depth in, R.L. Van Horne, **24**, 431, 1960.
- An Appraisal of Graduate Education in, A.E. Schwarting, **23**, 340, 1959.
- The Background of the Undergraduate Student Necessary to Achieve Depth in, L.R. Brady, **24**, 442, 1960.
- Bibliographic Materials in English Relating to the History of, J.H. Hoch, **23**, 154, 1959.
- Comments on the Teaching of, Robertson Pratt, **23**, 404, 1959.
- Graduate Education in, H.W. Youngken, Jr., **23**, 343, 1959.
- How the American Society of is Aiding Pharmaceutical Education (Faculty Forum), L.R. Brady, **26**, 532, 1962; N.R. Farnsworth, **26**, 534, 1962; Rolf Westby and G.H. Svoboda, **26**, 536, 1962.
- How I Keep Up to Date in, V.E. Tyler, Jr., **24**, 466, 1960.
- The Necessity of Keeping Up to Date in, V.E. Tyler, Jr., **24**, 464, 1960.
- New Laboratory Exercises, Procedures, or Methods in (Faculty Forum), K.K. Kazerozkis, **27**, 468, 1963.
- The Position and Scope of Biosynthesis in Undergraduate, L.R. Brady, **28**, 49, 1964.
- A Practical Thin-layer Chromatography Technique for an Undergraduate Laboratory, E.H. Taylor, **28**, 205, 1964.
- A Public Relations Program for, E.P. Claus, **23**, 557, 1959.
- Suggestions for Updating the Teaching of, R.L. Van Horne, **26**, 496, 1962.
- Trends, J.E. Dusenberry, **22**, 412, 1958.
- Undergraduate Laboratory: A New System at Toronto, S.K. Sim, **30**, 50, 1966.
- The Warp and Woof of Pharmaceutical Chemistry and, A.H. Beckett and E.J. Shellard, **26**, 486, 1962.
- The Warp and Woof of and Pharmaceutical Chemistry, V.E. Tyler, Jr., **26**, 491, 1962.
- Pharmacological Aspects of Teratogenicity of Laboratory Animals**, Stephen Krop, **28**, 719, 1964.
- Pharmacology**
- Achieving Depth in, Introductory Remarks, E.A. Swinyard, **24**, 444, 1960.
- Criteria for Participation in National Institutes of Health Programs in, J.F. Sherman, **28**, 693, 1964.
- My Criteria for Acceptable Research in, K.H. Beyer, Jr., **28**, 777, 1964.
- Experience with a Survey Course in, A.G. Zupko, **21**, 136, 1957.
- Graduate Education in, T.S. Miya, **23**, 335, 1959.
- Graduate Training in, E.G. Gross and J. Long, **23**, 331, 1959.
- The Hospital—A Laboratory for Pharmacy Students, S.V. Susina, W.H. Adams, H.C. Shirkey, and W.R. Byrum, **28**, 216, 1964.
- How I Keep Up to Date in, J.P. Buckley, **24**, 472, 1960.
- A Lecture in: Diuretics (Faculty Forum), J.W. Nelson, **29**, 305, 1965.
- New Laboratory Exercises, Procedures, or Methods in (Faculty Forum), A.L. Picchioni, **27**, 474, 1963.
- Newer Developments in Biochemical, S.E. Mayer, **28**, 711, 1964.
- Objectives of Undergraduate, G.V. Rossi, **28**, 669, 1964.
- Organization of a Graduate Program in, T.S. Miya, **28**, 757, 1964.
- In Regard to the Application of Programmed Learning to the Teaching of, N.A. Crowder, **26**, 439, 1962.
- Research, Recent Advances in, J.R. Weeks, **22**, 420, 1958.
- The Role of the Laboratory in Undergraduate, D.G. Wenzel, **29**, 553, 1965.
- as a Science, The Status of, C.D. Leake, **23**, 173, 1959.
- a Service Course?, R.S. McCutcheon, **26**, 187, 1962.

- Specific Ways to Update the Teaching of in the Extended Program, L.E. Gale, **26**, 507, 1962.
- Transformation of Pharmacy into, J.G. Adams, **28**, 663, 1964.
- Is the Undergraduate Curriculum a Suitable Foundation for Graduate Study in?, G.V. Rossi, **29**, 218, 1965.
- What the Medical Profession Expects the Pharmacist to Know About, F.T. Maher, **28**, 658, 1964.
- Pharmacy Administration**
- Achieving Depth in, Stephen Wilson, **24**, 445, 1960.
- Its Assets and Liabilities, J.H. Kern, **23**, 591, 1959.
- The Case Method in, R.V. Evanson, **23**, 582, 1959.
- Courses in Our Colleges of Pharmacy, Harold Nelson, **23**, 439, 1959.
- Examining Students in Courses in (A Panel), **21**, 402, 1957.
- Facts versus Concepts, Max Polinsky, **29**, 68, 1965.
- Five Year Program, Curriculum and Syllabi for Courses in (Panel), **22**, 471, 1958.
- Gleanings from the Teachers' Seminars on (President's Section), P.A. Foote, **26**, 538, 1962.
- Graduate Education in, J.D. McEvilla, **23**, 358, 563, 1959.
- At the Graduate Level, R.V. Evanson, **21**, 152, 1957.
- Keeping Up in, F.C. Hammerness, **24**, 462, 1960.
- Laboratory, Teaching in the, J.A. Lynch, **21**, 424, 1957.
- The Management Simulation Exercise: Its Use in, M.D. Jacoff, **29**, 558, 1965.
- A Means for Professional Survival, R.E. Abrams, **21**, 435, 1957.
- New Laboratory Exercises, Procedures, or Methods in (Faculty Forum), Max Polinsky, **27**, 478, 1963.
- Objectives and Approaches to Undergraduate Research in, R.A. Ohvall, **28**, 225, 1964.
- Organization and Expansion of Instruction in, R.V. Evanson, **30**, 478, 1966.
- Part of a Panel: Examining Students in Courses in, J.F. McCloskey, **21**, 404, 1957.
- Pharmaceutical Industry Marketing as Part of an Undergraduate Program, W.H. Helfand, **28**, 67, 1964.
- Its Place in the Five Year Program (Part of a Symposium), J.H. Kern, **21**, 392, 1957; J.D. McEvilla, **21**, 394, 1957.
- Re-examined, J.D. McEvilla, Michael Musulin, and R.E. Johnson, **29**, 72, 1965.
- The Socio-Economic Aspects of Teaching, Michael Musulin and J.D. McEvilla, **26**, 513, 1962.
- Stimulating Students in, L.E. Kazin, **21**, 413, 1957.
- Students' Receptivity to the Subject Area of, R.A. Ohvall, **30**, 45, 1966.
- The Study of the Break-even Point in the Teaching of, Haakon Bang and J.H. Block, **26**, 516, 1962.
- A Teaching Method, C.R. Harrison, **29**, 255, 1965.
- Training in the Preparation of Pharmacy Students for a Career, The Expanding Role of, S.B. Jeffries, **21**, 144, 1957.
- The Use of Individual Student Field Projects in Teaching, S.B. Jeffries, **21**, 426, 1957.
- The Use of Pharmaceutical Extension in Developing the Case-Problem Method in, R.G. Kedersha and J.L. Voigt, **21**, 149, 1957.
- Pharmacy**
- Act, Problems Encountered in Revision of a, T.D. Rowe, **21**, 10, 1957.
- (American), Liberal Education and, K.P. Bunnell, **23**, 37, 1959.
- (American), Liberal Education and, A Bibliography, K.P. Bunnell, **23**, 59, 1959.
- An Analysis of the Economic Advantages of Education vs. Industry in, R.V. Evanson, **26**, 24, 1962.
- Animal Health, N.M. Ferguson, **24**, 314, 1960.
- (Basic) Courses, Integration of, J.B. Sprowls, **21**, 35, 1957.
- Calculations
- Should be Integrated with Other Pharmacy Courses, S.V. Susina, **22**, 428, 1958.
- Should be Taught as a Separate Course, W.E. Lange, **22**, 433, 1958.
- A State Board Member's View of, W.E. Powers, **22**, 436, 1958.
- Career Decisions of Undergraduates, R.A. Ohvall and R.W. Hammel, **27**, 81, 1963.
- and Civilization, D.L. Cowen, **22**, 70, 1958.
- College Library, Changing Objectives of the, Philip Rosenstein, **27**, 248, 1963.
- Colleges, A Challenge to, to Train Medicinal Chemists, G.E. Ulliyot, **28**, 183, 1964.

- Colleges, Pharmacy Administration Courses in, Harold Nelson, **23**, 439, 1959.
- (Community), Academic Factors Related to Success in Management, C.L. Braucher and R.V. Evanson, **28**, 56, 1964.
- (Community), The Role of Courses in Pharmaceutical Chemistry in Preparing for Graduate Education and, J.E. Gearien, **25**, 570, 1961.
- and Continuing Education, H.B. Masters and J.B. Benson, **23**, 7, 1959.
- Continuing Education in: Motivation and Content, C.A. Rodowskas and R.V. Evanson, **28**, 393, 1964.
- A Course in General Pathology for Students of, J.S. Wellington, **24**, 296, 1960.
- Courses, Pharmacy Calculations Should be Integrated with Other, S.V. Susina, **22**, 428, 1958.
- Courses, A Soliloquy on, W.A. Lowenthal, **29**, 260, 1965.
- Curricula, Improving the, by Restructuring of Laboratory Periods, V.J. Brown and Anne Lowe, **24**, 174, 1960.
- Curriculum
- Academic Preparation for Graduate Study in the Five Year Professional, G.L. Jenkins and J.E. Christian, **23**, 367, 1959.
- Business Courses in the, J.F. McCloskey, **21**, 397, 1957.
- General Educational Values in the, L.W. Busse, **24**, 409, 1960.
- Human Anatomy in the, R.D. Coleman, **24**, 291, 1960.
- Should Calculus and Physical Chemistry be Required in the Undergraduate?, J.M. Cross, **25**, 580, 1961.
- and the Development of the American West (Faculty Forum), G.E. Osborne, **29**, 140, 1965.
- (Dispensing), A New Approach to, University of Tennessee, M.E. Hamner, **25**, 239, 1961.
- Education
- Also See Pharmaceutical Education and Education (Pharmaceutical).
- A New Plan for, G.L. Jenkins, **22**, 165, 1958.
- for Tomorrow's Society, D.C. Brodie, **30**, 317, 1966.
- The Wall Between Professional Practice and, W.S. Apple, **27**, 537, 1963.
- Educational Television: An Opportunity for, K.L. Waters, **27**, 445, 1963.
- An Elective Senior Seminar in Socio-Economic Problems, D.A. Knapp, **29**, 564, 1965.
- Faculty, The Library's Responsibility to the, M.J.K. Zachert, **22**, 77, 1958.
- (Freshman), Field Trips as a Teaching Aid for, C.B. Granberg, **23**, 379, 1959.
- (First American Professor of) (1813-1899), David Stewart, M.D., G.E. Osborne, **23**, 219, 1959.
- (Galenical), A Research Approach to the Teaching of, V.G. Jensen, **28**, 211, 1964.
- (General), A Departure from the Classic Order in, G.E. Osborne, **21**, 129, 1957.
- Graduates
- The Demand for in Industry, F.C. Hammerness, **28**, 534, 1964.
- The Demand for in Teaching, F.C. Hammerness, **28**, 545, 1964.
- A Great Age for, G.L. Jenkins, **28**, 378, 1964.
- (History of) in the Extended Curricula, Some Notes on Teaching, Alex Berman, **24**, 282, 1960.
- (Hospital)
- Warren E. Weaver, **23**, 364, 1959.
- A Challenging Opportunity, D.A. Weishaar, **30**, 31, 1966.
- Education, Trends in, E.M. Plein, **24**, 342, 1960.
- A Proposal for Specialization at the Undergraduate Level, J.C. Barthwell, Jr. and W.L. Blockstein, **27**, 422, 1963.
- Required or Elective?, Blanche Sommers, **26**, 458, 1962.
- How to Keep Up to Date in, B.F. Cooper, **24**, 476, 1960.
- How Well do we Teach?, C.O. Lee, **23**, 393, 1959.
- The Importance and Place of Antibiotics Instruction in the Curriculum, Robertson Pratt, **26**, 502, 1962.
- (Industrial), Graduate Training for, A.M. Mattocks, **23**, 326, 1959.
- Instruction in Ethics in Schools of, J.R. Tatum and M.C. Smith, **28**, 404, 1964.
- The Integration of Liberal and Professional Courses in, G.E. Osborne, **23**, 74, 1959.
- (Introductory), A Five Year Grade Study of Pharmacy Students in the Courses Pharmaceutical Calculations and, H.M. Burlage, **22**, 193, 1958.
- Laboratory Exercises (New), Procedures, or Methods in (Faculty Forum), J.M. Evans and J.L. Lichtin, **27**, 465, 1963.
- in Latin America, A Selected Bibliography of, G.S. Gittinger, **23**, 424, 1959.
- Looks Ahead, M.W. Green, **25**, 535, 1961.

- Looks at Accreditation, M.W. Green, **23**, 430, 1959.
- Management
- The Case-Method as a Tool in Teaching, F.A. Grolle, **21**, 421, 1957.
- How Satisfactory the Preparation?, C.R. Harrison, **29**, 54, 1965.
- The Leading of Case Discussions in, F.A. Grolle, **22**, 512, 1958.
- Students, The Teaching of Store Layout Principles to, A.C. Lytle, Jr., **23**, 594, 1959.
- (The) Manpower Survey (President's Section), L.M. Parks, **26**, 117, 1962.
- Manufacturing
- Control, C.B. Granberg, **21**, 106, 1957.
- Course Content, A.M. Mattocks, **21**, 99, 1957.
- Courses in the Pharmacy Curriculum, the Place of, V.N. Bhatia, **21**, 96, 1957.
- An Industrial Pharmacist's Viewpoint on What Should be Taught in the Undergraduate Course in, P.W. Wilcox, **23**, 539, 1959.
- Laboratory, A Research and, D.L. Deardorff, **21**, 90, 1957.
- Liquids, Semi-liquids, and Solids: The Organization of Didactic Material and Laboratory Instruction for the Undergraduate Course in, D.L. Deardorff, **23**, 535, 1959.
- Objectives and Scope of the Undergraduate Course in, A.M. Mattocks, **23**, 523, 1959.
- Parenteral Products, The Organization of Didactic Material and Laboratory Instruction for the Undergraduate Course in, K.E. Avis, **23**, 526, 1959.
- Motivating Influences to the Study of, H.M. Burlage, **27**, 75, 1963.
- and the Onrush of Change, J.W. Dargavel, **25**, 521, 1961.
- Orientation, A Course in, C.L. Huyck, **22**, 179, 1958.
- Orientation of Medical Students to, S.M. Blaug, **25**, 251, 1961.
- (The Outpatient) as an In Vivo Prescription Laboratory for Pharmacy Students, H.J. Hamilton, Louise Pope, and W.M. Heller, **23**, 268, 1959.
- Can it Participate in an Honors Program?, V.N. Bhatia, **24**, 328, 1960.
- Pharmaceutical Calculations and, H.M. Burlage, **22**, 193, 1958.
- and Pharmaceutical Education, N.H. Meyer, **21**, 6, 1957.
- (Physical), See Physical Pharmacy.
- in Poland, The Development of, Witold Saski, **22**, 214, 1958.
- Professional Consulting: A Neglected Function of, L.W. Rising, **26**, 209, 1962.
- A Proposed New Role for State Boards of (Faculty Forum), John Autian, **27**, 301, 1963; V.N. Bhatia, **27**, 309, 1963; A.M. Galinsky, **27**, 311, 1963; F.C. Hammerness, **27**, 314, 1963; G.D. Redman, **27**, 316, 1963.
- and the Public Health: Teaching Materials and Their Sources, F.J. Spencer, **30**, 248, 1966.
- Recruitment of the Young Scientist, R.F. Childs and V.H. Childs, **24**, 156, 1960.
- Report of the AACP-NABP Joint Committee to Redefine the Term, L.F. Tice, **24**, 64, 1960; **25**, 101, 1961.
- Research Institute, University of Connecticut, H.G. Hewitt, **25**, 197, 1961.
- Research—Past, Present, and Future, F.L. Schmehl, **25**, 242, 1961.
- (Schools of), Graduate Education in, M.W. Green, **24**, 492, 1960.
- Some Guidelines into the Historical Literature on, Glenn Sonnedecker, **23**, 143, 1959.
- Students in the Courses Pharmaceutical Calculations and Introductory Pharmacy, A Five Year Grade Study of, H.M. Burlage, **22**, 193, 1958.
- Students, The Outpatient Pharmacy as an In Vivo Prescription Laboratory for, H.J. Hamilton, Louise Pope, and W.M. Heller, **23**, 268, 1959.
- Teachers, Recruitment of (Editorial), M.R. Gibson, **22**, 237, 1958.
- (Teaching Machines and), Wallace Guess and John Autian, **25**, 546, 1961.
- (Theoretical and Applied), an Experiment in Teaching, T.W. Schwarz, **23**, 400, 1959.
- Transformation of into Pharmacology, J.G. Adams, **28**, 663, 1964.
- 2000—A Fantasy (?), N.A. Hall, **27**, 432, 1963.
- Is the Undergraduate Curriculum a Suitable Foundation for Graduate Study in?, S.P. Eriksen, **29**, 549, 1965.
- in the United States, Changes Influencing the Teaching of, T.D. Rowe, **22**, 151, 1958.
- Values in, H.S. McNeil, **23**, 255, 1959.
- Visiting Baghdad as a Lecturer in (Faculty Forum), J.N. Bone, **28**, 413, 1964.
- in West Germany, Studying, Glenn Sonnedecker, **22**, 169, 1958.

Pharmacy's

- Appeal to Prospective Students, David Reiss, **22**, 409, 1958.
- Appeal to Prospective Students—What the Colleges are Doing, L.M. Parks, **22**, 403, 1958.
- Destiny, Who Controls? (President's Section), L.M. Parks, **25**, 323, 1961.
- National Purpose, H.C. McAllister, **25**, 511, 1961.
- Neglected Challenge, W.S. Apple, **25**, 517, 1961.
- Stature (President's Section), L.C. Zopf, **23**, 459, 1959.
- P.C.P. & S. and the University of the Air**, J.E. Kramer and L.F. Tice, **27**, 454, 1963.
- Philosophy of Science in the Science Curriculum**, Virgil Hinshaw, Jr., **24**, 272, 1960.
- Physical Chemical Principles in Pharmaceutical Science: Physical Pharmacy**, A.N. Martin, **22**, 462, 1958.
- Physical Chemistry**
 - in Pharmaceutical Education, F.M. Goyan, **22**, 457, 1958.
 - (Should Calculus and) be Required of all Undergraduates?, G.J. Hite, **25**, 574, 1961.
 - (Should Calculus and) be Required in the Undergraduate Curriculum?, J.M. Cross, **25**, 580, 1961.
- Physical Measurements and Instrumentation, A Course in**, L.A. Strait, L.D. Tuck, and F.M. Goyan, **23**, 544, 1959.
- Physical Pharmacy**
 - A Fundamental Approach to the Teaching of, S.P. Eriksen, **28**, 38, 1964.
 - in an Integrated Course, Some Experiences with Preparations, Technology and, A.D. Marcus, **21**, 27, 1957.
 - (The) Laboratory, George Zografi, **26**, 523, 1962.
 - Laboratory Experiment in: The Equilibrium Properties of a Reaction, J.L. Colaizzi, **30**, 187, 1966.
 - Laboratory, Problem Solving and Creative Thinking in the (Part of a Panel: Teaching of Physical Pharmacy at the Undergraduate Level), A.N. Martin, **21**, 371, 1957.
 - Physical Chemical Principles in Pharmaceutical Science, A.N. Martin, **22**, 462, 1958.
 - Planning Course Content to Achieve the Objectives in the Course in (Part of a Panel: Teaching of Physical Pharmacy at the Undergraduate Level), J.A. Biles, **21**, 367, 1957.

- Preparations, and Technology, Some Experiences with in an Integrated Course, A.D. Marcus, **21**, 27, 1957.
- The Preparation of Teaching Personnel for the Undergraduate Course in (Part of a Panel: Teaching of Physical Pharmacy at the Undergraduate Level), M.W. Green, **21**, 376, 1957.
- Redefined, Bernard Ecanow, **21**, 134, 1957.
- The Scope and Prerequisites for the Undergraduate Course in (Part of a Panel: Teaching of Physical Pharmacy at the Undergraduate Level), A.D. Marcus, **21**, 363, 1957.
- Some Quantitative and Qualitative Aspects of, Bernard Ecanow, **24**, 202, 1960.
- at the Undergraduate Level, Teaching of (a Panel), **21**, 363, 1957.
- Physical Science Study Committee's Physics Program**, H.H. Kirkpatrick, **29**, 22, 1965.
- Physics Program, The Physical Science Study Committee's**, H.H. Kirkpatrick, **29**, 22, 1965.
- Pittsburgh, University of (The School of Pharmacy' in the Schools of the Health Professions Building)**, E.C. Reif, **21**, 121, 1957.
- Place (The) of a Four-year Basic Science Degree Program in Pharmaceutical Education**, D.H. Murray, **30**, 230, 1966.
- Place (The) of Manufacturing Pharmacy Courses in the Pharmacy Curriculum**, V.N. Bhatia, **21**, 96, 1957.
- Place (The) of Science in Education**, J.F. Weltzin, **23**, 82, 1959.
- Planning Course Content to Achieve the Objectives in the Course in Physical Pharmacy** (Part of a Panel: Teaching of Physical Pharmacy at the Undergraduate Level), J.A. Biles, **21**, 367, 1957.
- Poisonous Plants in and Around the Home** (Faculty Forum), Ara Der Marderosian, **30**, 115, 1966.
- Poland**
 - The Development of Pharmacy in, Witold Saski, **22**, 214, 1958.
 - Pharmaceutical Education in, Witold Saski and Henryk Bukowiecki, **22**, 38, 1958.
- Policies, Objectives and, of Continuing Education**, W.B. Swafford, **29**, 571, 1965.
- Policies, Report of the Committee on Educational**, **29**, 398, 1965; **30**, 354, 1966; N.E. Foss, **26**, 313, 1962; J.E. Orr, **27**, 563, 1963; C.O. Wilson, **28**, 520, 1964.

- Position (The) and Scope of Biosynthesis in Undergraduate Pharmacognosy**, L.R. Brady, 28, 49, 1964.
- Postdoctoral and Doctoral Study in Germany**, J.H. Burckhalter, 22, 18, 1958.
- Postdoctoral Study of Chemistry in Switzerland**, C.F. Martin, 23, 382, 1959.
- Postgraduate Education**, Roy A. Bowers, 23, 1, 1959.
See Continuing Education.
See Education by Coercion, R.S. Strommen, 24, 180, 1960.
A Means of: The Pharmaceutical Caravan, E.S. Brady, 23, 11, 1959.
Guidance Program at Brooklyn College of Pharmacy, Four Years of Experience with a, Isidore Greenberg and A.G. Zupko, 24, 336, 1960.
Pharmaceutical Education in France, Georges Cuvier, 23, 28, 1959.
Refresher Courses, Making More Practical, L.E. Kazin, 23, 32, 1959.
- Post-Session Meeting, American Association of Colleges of Pharmacy Executive Committee, Minutes of the**, See Executive Committee.
- Powers, Justin L.**
Remington Honor Medal Citation for, H.H. Schaefer, 24, 79, 1960.
Tribute to, F.J. Pokorny, 24, 75, 1960.
- Preceptor-Intern (The) Relationship**, Howard Wakefield, 25, 227, 1961.
- Prediction of Scholastic Achievement in Pharmacy at the University of Kentucky**, E.D. McDaniel and H.W. Stephenson, 24, 162, 1960.
- Predictive Tests, Report of the Committee on**, K.L. Kaufman, 24, 55, 1960; K.L. Kaufman, 25, 89, 1961; R.S. Morrison, 25, 413, 1961; J.B. Sprowls, 21, 254, 1957; J.B. Sprowls, 22, 324, 1958.
- Preparation (The) of Teaching Personnel for the Undergraduate Course in Physical Pharmacy (Part of a Panel: Teaching of Physical Pharmacy at the Undergraduate Level)**, M.W. Green, 21, 376, 1957.
- Preparations (The) Laboratory**, B.F. Cooper, 26, 527, 1962.
- Preparations (Pharmaceutical), Meaningful Evaluation of in the Undergraduate Student Laboratory**, Gerhard Levy and R.H. Gumtow, 28, 199, 1964.
- Preparations, Technology, and Physical Pharmacy, Some Experiences with in an Integrated Course**, A.D. Marcus, 21, 27, 1957.
- Prescription (A) for Intellectual Ills**, B.J. Opulente, 29, 35, 1965.
- Prescription (A) for Tomorrow**, H.G. Hewitt, 28, 321, 1964.
- Prescription Department (A Simulated) in Teaching Dispensing**, L.D. King, 21, 125, 1957.
- Prescription Drug Advertisements: A Vast Wasteland?**, H.C. Ansel, 30, 223, 1966.
- Prescription Laboratory for Pharmacy Students, The Outpatient Pharmacy as an In Vivo**, H.J. Hamilton, Louise Pope, and W.M. Heller, 23, 268, 1959.
- Present Problems in the Recruitment of Students**, J.A. Kearns, 22, 66, 1958.
- President, Address of the**, C.W. Bliven, 25, 15, 1961; R.A. Bowers, 28, 480, 1964; H.M. Burlage, 25, 363, 1961; P.A. Foote, 27, 525, 1963; G.P. Hager, 30, 305, 1966; H.G. Hewitt, 21, 193, 1957; J.E. Orr, 29, 364, 1965; L.M. Parks, 26, 279, 1962; T.D. Rowe, 22, 269, 1958; L.C. Zopf, 24, 1, 1960.
- President Charles W. Bliven: A Biographical Sketch**, M.R. Gibson, 23, 499, 1959.
- President Roy A. Bowers: A Biographical Sketch**, C.B. Granberg, 27, 519, 1963.
- President Henry M. Burlage: A Biographical Sketch**, M.R. Gibson, 24, 389, 1960.
- President Edward P. Claus: A Biographical Sketch**, C.B. Granberg, 30, 299, 1966.
- President Perry A. Foote: A Biographical Sketch**, C.B. Granberg, 26, 273, 1962.
- President George P. Hager: A Biographical Sketch**, C.B. Granberg, 29, 357, 1965.
- President Jack E. Orr: A Biographical Sketch**, C.B. Granberg, 28, 475, 1964.
- President Lloyd M. Parks: A Biographical Sketch**, C.B. Granberg, 25, 359, 1961.
- President Thomas D. Rowe: A Biographical Sketch**, M.R. Gibson, 21, 87, 1957.
- President Louis C. Zopf: A Biographical Sketch**, M.R. Gibson, 22, 399, 1958.
- President's Section**
Administering the AACP's Oath for Pharmacy Graduates, R.A. Bowers, 28, 269, 1964.
Better to Light One Candle, L.M. Parks, 25, 445, 1961.
The Buttress of Pharmaceutical Education, L.C. Zopf, 23, 459, 1959.

- Does the Left Hand Know What the Right Hand is Doing?, E.P. Claus, **30**, 404, 1966.
- The Dropout, E.P. Claus, **30**, 267, 1966.
- Experimentation in Education, J.E. Orr, **29**, 149, 1965.
- Fourth Pan-American Congress of Pharmacy and Biochemistry, H.G. Hewitt, **21**, 56, 1957.
- Gleanings from the Teachers' Seminar on Pharmacy Administration, P.A. Foote, **26**, 538, 1962.
- Liberating Influences of a University Education, R.A. Bowers, **27**, 481, 1963.
- National Drug Trade Conference, R.A. Bowers, **27**, 614, 1963.
- The New Pattern, C.W. Bliven, **23**, 607, 1959.
- On Recruiting, P.A. Foote, **27**, 319, 1963.
- Our Colleagues in Canada, L.M. Parks, **25**, 593, 1961.
- Our Reach and Our Grasp, G.P. Hager, **29**, 433, 1965.
- Pharmaceutical Education in the "New Frontier," P. A. Foote, **26**, 362, 1962.
- Pharmaceutical Education and Pharmaceutical Aspirations, G.P. Hager, **29**, 322, 1965.
- The Pharmacy Manpower Survey, L.M. Parks, **26**, 117, 1962.
- Professional Attitude, E.P. Claus, **30**, 503, 1966.
- Professionals and/or Semiprofessionals, G.P. Hager, **30**, 152, 1966.
- Programing District Meetings, R.A. Bowers, **28**, 117, 1964.
- In Proper Perspective, C.W. Bliven, **24**, 225, 1960.
- Quality Control in Graduate Education, J.E. Orr, **28**, 437, 1964.
- T.D. Rowe, **21**, 442, 1957; **22**, 90, 1958.
- Take Care, L.C. Zopf, **23**, 284, 1959.
- Toward Loyal Alumni, P.A. Foote, **26**, 236, 1962.
- A Section of Teachers of Continuation Studies, P.A. Foote, **27**, 158, 1963.
- The Value of Continuity in Organization, L.C. Zopf, **23**, 106, 1959.
- What is Happening? We Need an Answer!, H.M. Burlage, **25**, 151, 1961.
- Who Controls Pharmacy's Destiny?, L.M. Parks, **25**, 323, 1961.
- L.C. Zopf, **22**, 526, 1958.
- Principles of Economics in the Five Year Curriculum** (Part of a Panel: Curriculum and Syllabi for Courses in Pharmacy Administration—Five Year Program), Stephen Wilson, **22**, 480, 1958.
- Private Die Proprietary Medicine Stamps**, V.E. Tyler, Jr., **23**, 207, 1959.
- Problems Encountered in Revision of a Pharmacy Act**, T.D. Rowe, **21**, 10, 1957.
- Problems of Pharmaceutical Education, The Application of Group Thinking Techniques to the**, L.H. Bristol, Jr., **22**, 143, 1958.
- Problems and Plans, Report of the Committee on**, T.C. Daniels, **24**, 56, 1960; H.G. Hewitt, **22**, 324, 1958; R.A. Lyman, **21**, 256, 1957; C.E. Miller, **25**, 92, 1961.
- Problem Solving and Creative Thinking in the Physical Pharmacy Laboratory** (Part of a Panel: Teaching of Physical Pharmacy at the Undergraduate Level), A.N. Martin, **21**, 371, 1957.
- Procedures, (New Laboratory Exercises) or Methods** (Faculty Forum), See Faculty Forum.
- Proceedings of the Teachers' Seminar on Pharmaceutical Education, 1960**, **24**, 395, 1960.
- Profession, An Avenue to Orientation to the**, M.W. Green, **24**, 277, 1960.
- Professional**
- Attitude, E.P. Claus, **30**, 503, 1966.
- Attitude and Education, R.E. Kremers, **23**, 241, 1959.
- Consulting: A Neglected Function of Pharmacy, L.W. Rising, **26**, 209, 1962.
- Courses in Pharmacy, Liberal and, The Integration of, G.E. Osborne, **23**, 74, 1959.
- Curriculum, The Implementation of the Five-year, Gunnar Gjerstad, **25**, 295, 1961.
- Disciplines, The Delineation of the, L.C. Zopf, **24**, 414, 1960.
- Growth Through Continuing Education, L.R. Parker, **28**, 115, 1964.
- The Making of a, L.T. Benezet, **24**, 403, 1960.
- Orientation, Teaching, R.A. Deno, **24**, 265, 1960.
- Service Representatives (Editorial), M.R. Gibson, **23**, 461, 1959.
- Survival, Pharmacy Administration—A Means for, R.E. Abrams, **21**, 435, 1957.
- Professionalism**
- Faculty Emphasis on in State Associations, H.C. Forslund, **28**, 104, 1964.
- The Growing Threat to, P.A. Doyle, **23**, 415, 1959.
- in Undergraduate Instruction, R.E. Hopponen, **28**, 111, 1964.
- What Price?, L.M. Parks, **25**, 527, 1961.

Professionals and/or Semiprofessionals (President's Section), G.P. Hager, **30**, 152, 1966.

Professor Emeritus Zada Mary Cooper, R.A. Kuever, **25**, 1, 1961.

Professor, Responsibility of the, in Keeping Up to Date, Martin Barr, **24**, 447, 1960.

Program

A Community College Visitation, W.L. Blockstein, **27**, 263, 1963.

(A Cooperative Training) for Superior High School Science Students, T.D. Malewitz, L.B. Kier, L. Remington, and P.A. Foote, **26**, 197, 1962.

(Extended), Specific Ways to Update the Teaching of Pharmacology in the, L.E. Gale, **26**, 507, 1962.

History of Pharmacy in the Five-year, T.S. Grosicki, **27**, 237, 1963.

(The Six-year), the First Decade, E.S. Brady, **26**, 62, 1962.

Programing District Meetings (President's Section), R.A. Bowers, **28**, 117, 1964.

Programmed Instruction, F.A. Walsh, **28**, 749, 1964.

Programmed Learning, Teaching Machines and, J.A. Mockle and R.G. Daoust, **29**, 284, 1965.

Programmed Learning Techniques (The Application of) to Selected Material in a Professionalism Curriculum, C.M. Finelli and R.W. Sager, **26**, 190, 1962.

Programmed Text (A) in Pharmaceutical Calculations, W.A. Lowenthal, **30**, 212, 1966.

Programs, Trimester, P.F. Jones, **25**, 425, 1961.

Projects in Teaching Pharmacy Administration, the Use of Individual Student Field, S.B. Jeffries, **21**, 426, 1957.

Project Method and Seminar: A Departure from the Traditional Style of Teaching, L. Wait Rising, **23**, 386, 1959.

Proposal (A) for Hospital Pharmacy Specialization at the Undergraduate Level, J.C. Barthwell, Jr. and W.L. Blockstein, **27**, 422, 1963.

Proprietary Medicine Stamps (Private Die), V.E. Tyler, Jr., **23**, 207, 1959.

Psychopharmacologic Testing, Frederick Gault, **28**, 780, 1964.

Psychopharmacology, New Developments in, N.J. Giarman, **28**, 700, 1964.

Public Health

and Civil Defense, Report of the Committee on, See Civil Defense.

Conference on in the Curricula of Colleges of Pharmacy, W.W. Stiles, **29**, 575, 1965.

in the Pharmaceutical Curriculum, W.W. Stiles and Shirley Cooper, **24**, 204, 1960.

The Pharmacist's Role in Promoting the, J.B. Sprowls, **23**, 503, 1959.

Pharmacy and the: Teaching Materials and Their Sources, F.J. Spencer, **30**, 248, 1966.

in the Pharmacy Curriculum: A Syllabus, M.R. Gibson, **30**, 9, 1966.

Public Relations Program (A) for Pharmacognosy, E.P. Claus, **23**, 557, 1959.

Purpose (The) of the Laboratory in Pharmaceutical Education, J.I. Bodin, **26**, 520, 1962.

Purpose (The National) of Pharmacy (Editorial), C.B. Granberg, **25**, 595, 1961.

Q

Qualities and Background of Pharmaceutical Chemistry Staff, L.W. Busse, **29**, 767, 1965.

Qualities of Compressed Tablets: Potency Variation (Faculty Forum), A.M. Mattocks, **30**, 110, 1966.

Quality Control in Graduate Education (President's Section), J.E. Orr, **28**, 437, 1964.

R

Radiopharmacy, Guidelines for Developing a Course of Instruction in (Faculty Forum), J.P. Vacik, **27**, 136, 1963.

Recent Advances in Pharmacology Research, J.R. Weeks, **22**, 420, 1958.

Recruiting Aid, The Continuing Education Program as a, R.E. Hopponen, **29**, 281, 1965.

Recruiting (On) (Editorial), C.B. Granberg, **27**, 483, 1963. (President's Section), P.A. Foote, **27**, 319, 1963.

Recruitment

(Committee on) for Graduate Study, Report of the Special, E.E. Smissman, **26**, 338, 1962; **27**, 589, 1963.

of Pharmacy Teachers (Editorial), M.R. Gibson, **22**, 237, 1958.

- (Pharmacy) of the Young Scientist, R.F. Childs and V.H. Childs, **24**, 156, 1960.
- of Students
Present Problems in the, J.A. Kearns, **22**, 66, 1958.
See President's Section, T.D. Rowe, **22**, 90, 1958.
- Recruitment Aids, Report of the Committee on**, R.A. Deno, **21**, 260, 1957; R.A. Deno, **22**, 326, 1958; K.L. Kaufman, **25**, 418, 1961; K.L. Kaufman, **26**, 332, 1962; K.L. Kaufman, **27**, 585, 1963; L.M. Parks, **24**, 58, 1960; L.M. Parks, **25**, 94, 1961; A.I. White, **28**, 549, 1964; A.I. White, **29**, 410, 1965; A.I. White, **30**, 371, 1966.
- Reddish, G.F., Memorial to**, anon., **26**, 406, 1962.
- Reese, J.A., Memorial to**, anon., **29**, 160, 1965.
- Refresher Courses**
(See Continuing Education and Postgraduate Education).
(Postgraduate), Making More Practical, L.E. Kazin, **23**, 32, 1959.
- Refresher Programs Offered the Pharmacist by Colleges of Pharmacy, A Survey of**, A.G. Zupko, **21**, 16, 1957.
- Refresher Programs, Topics Practicing Pharmacists Prefer on**, C.L. Huyck **24**, 185, 1960.
- Regard (In) to the Application of Programmed Learning to the Teaching of Pharmacology**, N.A. Crowder, **26**, 439, 1962.
- Reif, E.C., Memorial to**, J.A. Bianculli, **26**, 132, 1962.
- Relationships Between Undergraduate and Graduate Education in Pharmacy**, G.L. Jenkins, **24**, 501, 1960.
- Relationships of Boards and Colleges, Report of the Committee on the**, See Boards of Pharmacy.
- Remarks of the Chairman of the Canadian Conference of Pharmaceutical Faculties**, G.R. Paterson, **30**, 326, 1966.
- Remarks of the President of the John W. Dargavel Foundation**, A.C. Fritz, **30**, 330, 1966.
- Remarks to the Sixteenth Annual Teachers' Seminar**, H.D. Babbidge, Jr., **28**, 652, 1964.
- Remington Honor Medal Citation for**
Harry J. Anslinger, H.H. Schaefer, **27**, 116, 1963.
W. Paul Briggs, H.H. Schaefer, **22**, 80, 1958.
- K.K. Chen, H.H. Schaefer, **30**, 91, 1966.
Ivor Griffith, H.H. Schaefer, **25**, 140, 1961.
Robert A. Hardt, H.H. Schaefer, **29**, 112, 1965.
Glenn L. Jenkins, H.H. Schaefer, **28**, 98, 1964.
Eli Lilly, H.H. Schaefer, **23**, 97, 1959.
Frank W. Moudry, H.H. Schaefer, **21**, 46, 1957.
Justin L. Powers, H.H. Schaefer, **24**, 79, 1960.
- Reorientation (A) in Pharmaceutical Education**, D.H. Murray, **26**, 182, 1962.
- Reports** (See Titles of Individuals, Committees, or Organizations).
- Requirements for Success in Pharmaceutical Sales and Research**, L.T. Chavkin and J.L. Kanig, **27**, 213, 1963.
- Res ipsa loquitor**, G.F. Archambault **28**, 341, 1964.
- Research**
(A) Approach to the Teaching of Galenical Pharmacy, V.G. Jensen, **28**, 211, 1964.
(Basic), Creating a Climate for in the Pharmaceutical Sciences, M.W. Green, **25**, 286, 1961.
Building, The University of Michigan Pharmacy, R.A. Deno, **25**, 203, 1961.
The Case for and Undergraduate Teaching, L.M. Parks, **29**, 200, 1965.
(Clinical) in the Pharmaceutical Industry, R.M. Rice, **22**, 133, 1958.
and Graduate Training in Synthetic Pharmaceutical Chemistry in Schools of Pharmacy, The Necessity for, W.L. Nobles, **22**, 449, 1958.
Institute, University of Connecticut, Pharmacy, H.G. Hewitt, **25**, 197, 1961.
(A) and Manufacturing Pharmacy Laboratory, D.L. Deardorff, **21**, 90, 1957.
My Criteria for Acceptable in Pharmacology, K.H. Beyer, Jr., **28**, 777, 1964.
The Next Decade of Support for Medical, E.M. Allen, **25**, 211, 1961.
Opportunities, Pharmacists and, George Squibb, **23**, 248, 1959.
in the Pharmaceutical Industry Today, E.H. Volwiler, **22**, 127, 1958.
(Pharmaceutical Sales and), Requirements for Success in, L.T. Chavkin and J.L. Kanig, **27**, 213, 1963.
(Pharmaceutical), Techniques, A Course in, at the University of Wisconsin, K.A. Connors, **24**, 191, 1960.

- (Pharmacology), Recent Advances in, J.R. Weeks, **22**, 420, 1958.
- (Pharmacy) Past, Present, and Future, F.L. Schmehl, **25**, 242, 1961.
- (Undergraduate) Participation, Gerhard Levy and H.J. Schaefer, **26**, 200, 1962.
- Resolutions, Report of the Committee on**, R.O. Bachmann, **28**, 525, 1964; J.V. Bergen, **30**, 357, 1966; E.L. Cataline, **29**, 401, 1965; E.P. Claus, **24**, 34, 1960; P.A. Foote, **25**, 400, 1961; E.E. Leuallen, **26**, 318, 1962; L.M. Parks, **21**, 233, 1957; J.B. Sprowls, **25**, 58, 1961; K.L. Waters, **27**, 569, 1963.
- Responsibility of the Professor in Keeping Up to Date**, Martin Barr, **24**, 447, 1960.
- Review (A Bibliographic) of the History of Pharmaceutical Chemistry (With Particular Reference to German Literature)**, Wolfgang Schneider, **23**, 161, 1959.
- Review of Program Design, Procedures, and Techniques in Continuing Education**, D.C. Rhyne, **28**, 389, 1964.
- Revolution (The) in School Mathematics**, W.E. Ferguson, **29**, 14, 1965.
- Rheology, Classical Semisolid Pharmaceuticals and, A Note**, Bernard Ecanow, **28**, 411, 1964.
- Rivard, W.H.**, Memorial to, B.A. Barton, **21**, 168, 1957.
- Roads (The) of Pharmacy** (Editorial), C.B. Granberg, **25**, 446, 1961.
- Rogers, C.H.**, Memorial to, G.P. Hager, **27**, 642, 1963.
- Role (The) of the Laboratory in Undergraduate Pharmacology**, D.G. Wenzel, **29**, 553, 1965.
- Role (The) of the Pharmacist in Civil Defense**, J.A. Biles, **25**, 106, 1961.
- Roles of the Teacher in Higher Education**, L.D. Haskew, **27**, 53, 1963.
- Rowe, T.D.: A Biographical Sketch**, M.R. Gibson, **21**, 87, 1957.
- Ruhmer, O.E.M.**, Memorial to, C.L. Riess, **23**, 613, 1959.
- Rutgers, Pharmaceutical Analysis and Inorganic Pharmaceutical Chemistry at—A Combined Course**, C.A. Discher and Thomas Medwick, **29**, 489, 1965.
- S**
- Sabbatical (A) Year in Germany** (Faculty Forum), V.E. Tyler, Jr., **28**, 424, 1964.
- St. John's University College of Pharmacy**, A.J. Bartilucci, **25**, 207, 1961.
- Salaries, A Comparison of Mean 1963-64 of Certain Faculties**, L.A. D'Amico, **29**, 240, 1965.
- Salaries of Pharmacy Teachers** (Editorial), M.R. Gibson, **24**, 359, 1960.
- SAR Purposes, Structure-Coding for**, G.P. Hager, **23**, 548, 1959.
- Scholarship and Higher Education**, H.G. Harmon, **27**, 37, 1963.
- Scholarship and Loan Programs (The) of the Health Professions Educational Assistance Act**, A.W. Donaldson, **30**, 457, 1966.
- Scholastic Achievement in Pharmacy at the University of Kentucky, Prediction of**, E.D. McDaniel and H.W. Stephenson, **24**, 162, 1960.
- School (The) of Pharmacy at Southwestern State College**, W.D. Strother, **28**, 344, 1964.
- School (The) of Pharmacy in the Schools of the Health Professions Building, University of Pittsburgh**, E.C. Reif, **21**, 121, 1957.
- Schools, The Demand for Ph.D. Pharmacists in** (Part of a Symposium: Supply and Demand of Ph.D. Pharmacists), H.G. Hewitt, **21**, 351, 1957.
- Schools of Pharmacy, Graduate Education in**, M.W. Green, **24**, 492, 1960.
- Science**
- Curriculum, Philosophy of Science in the, Virgil Hinshaw, Jr., **24**, 272, 1960.
- Faculty Fellowship Program, Some Experiences with the National Science Foundation, W.L. Nobles, **23**, 554, 1959.
- The Place of, in Education, J.F. Weltzin, **23**, 82, 1959.
- Scientific Exhibits at A.Ph.A. Annual Meetings**, W.J. Burns and G.B. Griffenhagen, **26**, 530, 1962.
- Scientific Method and Human Existence**, J.W. Byrne, **28**, 13, 1964.
- Scientist (Ehrlich the Man, the)**, D.L. Cowen, **26**, 4, 1962.
- Scope (The), of Pharmaceutical Mathematics**, O.H. Miller, **22**, 426, 1958.
- Scope (The) and Prerequisites for the Undergraduate Course in Physical Pharmacy** (Part of a Panel: Teaching of Physical Pharmacy at the Undergraduate Level), A.D. Marcus, **21**, 363, 1957.
- Secretary-Treasurer (AACP), Report of the**, C.W. Bliven, **25**, 375, 1961; G.L. Webster, **21**, 208, 1957; G.L. Webster, **22**, 279, 1958; G.L. Webster, **24**, 13, 1960; G.L. Webster, **25**, 26, 1961.

- Secretary-Treasurer of the AACP Conference of Teachers, Report of the**, E.P. Claus, 21, 439, 1957; J.H. Kern, 22, 522, 1958.
- Secretary-Treasurer (Executive), AACP, Report of the**, C.W. Bliven, 26, 291, 1962; 27, 543, 1963; 28, 495, 1964; 29, 377, 1965; 30, 336, 1966.
- Section (A) of Teachers of Continuation Studies (President's Section)**, P.A. Foote, 27, 158, 1963.
- Selected (A) Bibliography of Pharmacy in Latin America**, G.S. Gittinger, 23, 424, 1959.
- Seminar**
for Practicing Pharmacists, Pharmaceutical Chemistry and the, A Problem in Communication, E.S. Brady, 22, 454, 1958.
(The) and Project Method of Instruction: A Departure from the Traditional Style of Teaching, L.W. Rising, 23, 386, 1959.
(Recommendations for the Future), and Summary of, C.W. Bliven, 24, 517, 1960.
(Senior), An Elective in Socio-Economic Pharmacy Problems in, D.A. Knapp, 29, 564, 1965.
(Summary of), and Recommendations for the Future, C.W. Bliven, 24, 517, 1960.
(Teachers') on Pharmaceutical Education, 1960, 24, 395, 1960.
- Seminars (In-service Teaching) at the Brooklyn College of Pharmacy**, C.L. Reiss and A.G. Zupko, 26, 58, 1962.
- Seminars (Teachers') on Undergraduate Education, Effects of the**, J.B. Sprowls, 24, 509, 1960.
- Series, E.R., Memorial to**, R.E. Terry, 21, 167, 1957.
- Shape (The New) of Instructional Facilities**, J.J. Morisseau, 27, 439, 1963.
- Should All Graduate Students Take a Core of Graduate Courses?**, F.P. Cosgrove, 23, 514, 1959.
- Should Board of Pharmacy Membership be Restricted to Retail Pharmacists?**, A.J. Sica, 29, 50, 1965.
- Should We Teach More Biochemistry?** (Faculty Forum), R.L. Beamer, 26, 228, 1962; M.L. Borke, 26, 230, 1962; A.C. Core, 26, 231, 1962; Gary Omodt, 26, 232, 1962; H.A. Swartz, 26, 234, 1962.
- Simulated (A) Prescription Department in Teaching Dispensing**, L.D. King, 21, 125, 1957.
- Six-year Program (The): The First Decade**, E.S. Brady, 26, 62, 1962.
- Social Studies of Pharmacy, A New Graduate Program**, Glenn Sonnedecker, 28, 35, 1964.
- Socio-Economic (The) Aspects of Teaching Pharmacy Administration**, Michael Musulin and J.D. McEvilla, 26, 513, 1962.
- Socio-Economic Pharmacy Problems, An Elective Senior Seminar in**, D.A. Knapp, 29, 564, 1965.
- Solid Dosage Forms: Capsules (Faculty Forum)**, R.F. Childs, 29, 119, 1965.
- Soliloquy (A) on Pharmacy Courses**, W.A. Lowenthal, 29, 260, 1965.
- Solving Problems in Pharmaceutical Mathematics by Several Methods**, Edward Stempel, 27, 435, 1963.
- Some Aspects of Teaching Aids**, W.E. Beckel, 29, 774, 1965.
- Some Consideration of the Effect of the Extended Curriculum on Graduate Study in Schools of Pharmacy**, L.W. Busse, 23, 509, 1959.
- Some Experiences with the National Science Foundation Science Faculty Fellowship Program**, W.L. Nobles, 23, 554, 1959.
- Some Experiences with Preparations, Technology and Physical Pharmacy in an Integrated Course**, A.D. Marcus, 21, 27, 1957.
- Some Guidelines into the Historical Literature on Pharmacy**, Glenn Sonnedecker, 23, 143, 1959.
- Some Notes on Teaching History of Pharmacy in the Extended Curricula**, Alex Berman, 24, 282, 1960.
- Some Quantitative and Qualitative Aspects of Physical Pharmacy**, Bernard Ecanow, 24, 202, 1960.
- South America and Central America, Pharmaceutical Education in**, A.E. James, 22, 51, 1958.
- South Carolina, The University of School of Pharmacy**, R.W. Morrison, 28, 327, 1964.
- Spease, Edward, Memorial to**, C.O. Lee, 22, 102, 1958.
- Special Committee on**
Connotation of Terms Pharmaceutical Chemistry and/or Medicinal Chemistry, Report of the, Paul Jannke, 28, 554, 1964.
Evaluation of Teachers' Seminars, Report of the, J.B. Sprowls, 26, 339, 1962; 27, 588, 1963.
Full-time Secretary and Headquarters, Report of the, L.C. Zopf, 25, 104, 1961.

- Government Service, Report of the, L.E. Harris, **29**, 412, 1965; **30**, 373, 1966.
- Individual Membership, Report of the, G.L. Jenkins, **26**, 337, 1962; G.L. Jenkins, **27**, 589, 1963; H.G. Hewitt, **30**, 378, 1966.
- Internship Training, Report of the, R.A. Deno, **29**, 413, 1965; G.L. Webster, **30**, 375, 1966.
- on Pharmaceutical Science and NIH, Report of the, Takeru Higuchi, **30**, 379, 1966.
- Recruitment for Graduate Study, Report of the, E.E. Smisson, **26**, 338, 1962; **27**, 589, 1963.
- Undergraduate Awards, Report of the, Louis Malspeis, **27**, 591, 1963.
- Use of the Term "Pharmaceutics," Report of the, H.O. Thompson, **28**, 556, 1964.
- Specialization in Pharmaceutical Education**, L.F. Tice, **24**, 427, 1960.
- Specialized Courses in Continuing Education**, L.F. Tice, **23**, 23, 1959.
- Specific Ways to Update the Teaching of Pharmacology in the Extended Program**, L.E. Gale, **26**, 507, 1962.
- Spoerk, K.E., Memorial to**, C.A. Andreson, **30**, 164, 1966.
- Staff Changes**, **21**, 69, 171, 307, 453, 1957; **22**, 106, 248, 376, 536, 1958; **23**, 115, 295, 473, 617, 1959; **24**, 115, 243, 366, 542, 1960; **25**, 170, 328, 472, 601, 1961; **26**, 129, 241, 402, 552, 1962; **27**, 167, 330, 492, 635, 1963; **28**, 127, 277, 443, 613, 1964; **29**, 157, 330, 455, 612, 1965; **30**, 160, 276, 430, 512, 1966.
- Stamps (Medicine), Private Die Proprietary**, V.E. Tyler, Jr., **23**, 207, 1959.
- Standard Tests, An Educator's Extracurricular Obligations Involving**, R.A. Deno, **23**, 371, 1959.
- Standards, Educational and Membership, Report of the Committee on**, G.P. Hager, **24**, 28, 1960; A.J. Sica, **25**, 48, 1961; G.J. Sperandio, **22**, 296, 1958.
- Stapleton, Gail, Memorial to**, J.V. Bergen, **30**, 165, 1966.
- State Associations, Faculty Emphasis on Professionalism in**, H.C. Forslund, **28**, 104, 1964.
- State (A) Board Member's View of Pharmacy Calculations**, W.E. Powers, **22**, 436, 1958.
- State Pharmacy Boards, A Proposed New Role for** (Faculty Forum), John Autian, **27**, 301, 1963; V.N. Bhatia, **27**, 309, 1963; A.M. Galinsky, **27**, 311, 1963; F.C. Hamnerness, **27**, 314, 1963; G.D. Redman, **27**, 316, 1963.
- State University of Iowa College of Pharmacy**, S.M. Blaug and D.P. Carew, **28**, 307, 1964.
- Statistics (Do You Favor Including) in the Pharmaceutical Calculations Course?** (Faculty Forum), Gerhard Levy, **26**, 99, 1962; R.C. Mason, **26**, 98, 1962.
- Status of Pharmacists in Government Service, Report of the Committee on the**, L.E. Harris, **24**, 60, 1960; **25**, 96, 419, 1961; **26**, 335, 1962; **27**, 586, 1963; **28**, 551, 1964.
- Status (The) of Pharmacology as a Science**, C.D. Leake, **23**, 173, 1959.
- Status (The) and Potential of the Course in Cosmetic Science**, R.E. Faust, **24**, 332, 1960.
- Stereochemistry, The Use and Abuse of**, J.B. LaPidus, **27**, 242, 1963.
- Stewart, David, M.D., First American Professor of Pharmacy (1813-1899)**, G.E. Osborne, **23**, 219, 1959.
- Stimulant (A) for Inorganic Pharmaceutical Chemistry**, A.I. White, **21**, 383, 1957.
- Stimulating Students in Pharmacy Administration**, L.E. Kazin, **21**, 413, 1957.
- Stocking, C.H., Memorial to**, Lee Worrell, **22**, 243, 1958.
- Store Layout Principles to Pharmacy Management Students, The Teaching of**, A.C. Lytle, Jr., **23**, 594, 1959.
- Structure-Coding for SAR Purposes**, G.P. Hager, **23**, 548, 1959.
- Student**
- Experiments in Pharmaceutical Analysis (See Analysis, Pharmaceutical).
 - (The) and Higher Education, R.B. Kamm, **27**, 28, 1963.
 - Performance in Summer Programs, J.F. Bester, **29**, 44, 1965.
 - (The) Personnel Function in Higher Education, D.W. Robinson, **27**, 18, 1963.
 - (Superior) (Editorial), M.R. Gibson, **22**, 529, 1958.
 - Views on Internship, H.A. Smith and Irvin Steinberg, **26**, 468, 1962.
- Students**
- (Fifth Year) as "Consultants in Drugs," A Report on, G.H. Bryan and J.E. Orr, **23**, 259, 1959.

- (Pharmacy)
in the Courses Pharmaceutical Calculations and Introductory Pharmacy. A Five Year Grade Study of, H.M. Burlage, **22**, 193, 1958.
Liberal Education for (Editorial), M.R. Gibson, **22**, 92, 1958.
The Outpatient Pharmacy as an In Vivo Prescription Laboratory for, H.J. Hamilton, Louise Pope, and W.M. Heller, **23**, 268, 1958.
- (Prospective)
Pharmacy's Appeal to, David Reiss, **22**, 409, 1958.
What the Colleges are Doing—, L.M. Parks, **22**, 403, 1958.
Receptivity to the Pharmacy Administration Subject Area, R.A. Ohvall, **30**, 45, 1966.
Recruitment of
Present Problems in the, J.A. Kerns, **22**, 66, 1958.
See President's Section, T.D. Rowe, **22**, 90, 1958.
- Studies (Continuation), Report of the Committee on**, K.L. Waters, **22**, 230, 1958.
- Study**
(The) of the Break-even Point in the Teaching of Pharmacy Administration, Haakon Bang and J.H. Block, **26**, 516, 1962.
(A) of the Geographical Distribution of Pharmacy Students (See Geographical Distribution of Students).
(Graduate), In the Five Year Professional Pharmacy Curriculum, Academic Preparation for, G.L. Jenkins and J.E. Christian, **23**, 367, 1959.
- Studying Pharmacy in West Germany**, Glenn Sonnedecker, **22**, 169, 1958.
- Sudro, W.F., Memorial to**, C.E. Miller, **22**, 104, 1958.
- Suggestions for Updating the Teaching of Pharmacognosy**, R.L. Van Horne, **26**, 496, 1962.
- Summary**
and Appraisal of the Seminar, M.W. Green, **29**, 800, 1965.
of the Seminar and Recommendations for the Future, C.W. Bliven, **24**, 517, 1960.
of the Sixty-first (1960) Annual Meeting, C.W. Bliven, **25**, 139, 1961.
of the Sixty-second (1961) Annual Meeting, C.W. Bliven, **25**, 431, 1961.
of the Sixty-third (1962) Annual Meeting, C.W. Bliven, **26**, 343, 1962.
of the Sixty-fourth (1963) Annual Meeting, C.W. Bliven, **27**, 594, 1963.
of the Sixty-fifth (1964) Annual Meeting, C.W. Bliven, **28**, 563, 1964.
of the Sixty-sixth (1965) Annual Meeting, C.W. Bliven, **29**, 420, 1965.
of the Sixty-seventh (1966) Annual Meeting, C.W. Bliven, **30**, 386, 1966.
of the Workshop Reports, D.H. Murray, **29**, 794, 1965.
- Summation of Sessions**, M.W. Green, **28**, 815, 1964.
- Summer Programs, Student Performance in**, J.F. Bester, **29**, 44, 1965.
- Sunkes, W.C., Memorial to**, C.A. Andreson, **30**, 163, 1966.
- Superior Student** (Editorial), M.R. Gibson, **22**, 529, 1958.
- Supply and Demand of Ph.D. Pharmacists** (A Symposium), **21**, 346, 1957.
(Part of a Symposium: Supply and Demand of Ph.D. Pharmacists), M.W. Green, **21**, 348, 1957.
- Support (Financial) of Colleges of Pharmacy by Retail Pharmacists**, See Dr. Lyman Comments, **22**, 96, 1958.
- Survey Course in Pharmacology, Experiences with**, A.G. Zupko, **21**, 136, 1957.
- Survey (A) of the Five-year Curricula of Member Colleges**, D.B. Paul and G.J. Sperandio, **26**, 461, 1962.
- Survey (A) of Refresher Programs Offered the Pharmacist by Colleges of Pharmacy**, A.G. Zupko, **21**, 16, 1957.
- Swain, Robert L.**
Memorial to, J.B. Sprowls, **27**, 331, 1963.
A Tribute to, anon., **28**, 281, 1964.
- Switzerland, Postdoctoral Study of Chemistry in**, C.F. Martin, **23**, 382, 1959.
- Syllabi and Curriculum for Courses in Pharmacy Administration—Panel: Five Year Program, Introduction**, R.V. Evanson, **22**, 471, 1958.
- Synthetic Organic Chemistry**
Graduate Training in—A Restatement of an Opinion on the Subject, J.H. Burckhalter, **22**, 445, 1958.
in Schools of Pharmacy, The Necessity for Research and Graduate Training in, W.L. Nobles, **22**, 449, 1958.

T

Tablet (A Low-cost) Disintegration Apparatus for the Undergraduate Pharmaceutical Preparations Laboratory, R.F. Childs and J.R. Cole, **23**, 418, 1959.

Task Force on Annual Meetings, Report of the, R.A. Bowers, **29**, 414, 1965; **30**, 376, 1966.

Teach (To) and/or To Seek—That is the Question, D.H. Murray, **29**, 205, 1965.

Teach Pharmacy, How Well do We?, C.O. Lee, **23**, 393, 1959.

Teacher

The Background of, Necessary to Achieve Depth, Egil Ramstad, **24**, 439, 1960.

(The English) Talks Back, C.L. Reiss, **22**, 185, 1958.

(Roles of the) in Higher Education, L.D. Haskew, **27**, 53, 1963.

Teachers

Seminar on Pharmaceutical Education, Proceedings of, 1960, **24**, 395, 1960.

Seminars (Committee on Evaluation of), Report of the Special, J.B. Sprowls, **26**, 339, 1962; **27**, 588, 1963.

Seminars, The Design and Purpose of, C.W. Bliven, **25**, 568, 1961.

Seminars on Undergraduate Education, Effects of the, J.B. Sprowls, **24**, 509, 1960.

and Teaching (Editorial), M.R. Gibson, **23**, 286, 1959.

Training of Prospective (Editorial), M.R. Gibson, **24**, 228, 1960.

Conference

Bylaws, **22**, 352, 1958; **28**, 603, 1964.

Report of the Secretary-Treasurer, E.P. Claus, **21**, 439, 1957; J.H. Kern, **22**, 522, 1958.

(Pharmacy)

Recruitment of (Editorial), M.R. Gibson, **22**, 237, 1958.

Salaries of (Editorial), M.R. Gibson, **24**, 359, 1960.

Teaching

Aid for Students in Freshman Pharmacy, Field Trips as a, C.B. Granberg, **23**, 379, 1959.

Aids, Some Aspects of, W.E. Beckel, **29**, 774, 1965.

Arithmetical Concepts, J.A. Kerns, **21**, 20, 1957.

Beginning Quantitative Pharmaceutical Analysis in the Sixties (Faculty Forum), F.E. DiGangi, **28**, 233, 1964.

(The) of Calculus in Colleges of Pharmacy, R.A. Grundman, **26**, 165, 1962.

The Demand for Pharmacy Graduates in, F.C. Hammerness, **28**, 545, 1964.

Dispensing

The Investigative Approach in, G.J. Sperandio, **21**, 115, 1957.

A Simulated Prescription Department in, L.D. King, **21**, 125, 1957.

History of Pharmacy in the Extended Curricula, Some Notes on, Alex Berman, **24**, 282, 1960.

Machines and Pharmacy, Wallace Guess and John Autian, **25**, 546, 1961.

Machines and Programmed Learning, J.A. Mockle and R.G. Daoust, **29**, 284, 1965.

(The) of Natural Product Chemistry, E.E. Smismman, **29**, 737, 1965.

of Pharmacognosy, Comments on the, Robertson Pratt, **23**, 404, 1959.

in the Pharmacy Administration Laboratory, J.A. Lynch, **21**, 424, 1957.

of Pharmacy in the United States, Changes Influencing the, T.D. Rowe, **22**, 151, 1958.

of Physical Pharmacy at the Undergraduate Level (A Panel), **21**, 363, 1957.

Professional Orientation, R.A. Deno, **24**, 265, 1960.

The Seminar and Project Method of Instruction: A Departure from the Traditional Style of, L.W. Rising, **23**, 386, 1959.

(The) of Store Layout Principles to Pharmacy Management Students, A.C. Lytle, Jr., **23**, 594, 1959.

and Teachers (Editorial), M.R. Gibson, **23**, 286, 1959.

The Use of Closed Circuit Television in, D.E. Nelson, **28**, 741, 1964.

(Undergraduate), The Case for Research and, L.M. Parks, **29**, 200, 1965.

Teaspoonful Dosage Problems, Edward Stempel, **26**, 205, 1962.

Technical Writing, E.G. Feldmann, **28**, 769, 1964.

Techniques, New Approaches to Classic Pharmacologic, H.J. Ponton, **28**, 802, 1964.

Technology (Pharmaceutical), Graduate Education in, L.W. Busse, **23**, 331, 1959.

Technology, Preparations and Physical Pharmacy, Some Experiences with in an Integrated Course, A.D. Marcus, **21**, 27, 1957.

Teeters, W.J., Memorial to, R.A. Kuever, **24**, 238, 1960.

- Television: (Educational), An Opportunity for Pharmacy**, K.L. Waters, **27**, 445, 1963.
- Television, The Use of Closed Circuit in Teaching**, D.E. Nelson, **28**, 741, 1964.
- Teratogenicity of Laboratory Animals, Pharmacological Aspects of**, Stephen Krop, **28**, 719, 1964.
- Tennessee (University of), A New Approach to Dispensing Pharmacy**, M.E. Hamner, **25**, 239, 1961.
- Testing**
(Antibiotic), R.W. VanderWyk, **22**, 227, 1958.
A Critical Evaluation of, F.B. Gable, **23**, 420, 1959.
in Higher Education, N.M. Downie, **27**, 61, 1963.
(Psychopharmacologic), Frederick Gault, **28**, 780, 1964.
- Tests**
(Predictive), Report of the Committee on, K.L. Kaufman, **24**, 55, 1960; K.L. Kaufman, **25**, 89, 1961; R.W. Morrison, **25**, 413, 1961.
(Standard), An Educator's Extracurricular Obligations Involving, R.A. Deno, **23**, 371, 1959.
- Textbooks in Bacteriology**, Michael Iannarone, **25**, 586, 1961.
- Thailand, Two Years in with the World Health Organization**, W.E. McConnell, **30**, 237, 1966.
- Titration (Nonaqueous) of Bases**, Student Experiments in Pharmaceutical Analysis. II., K.A. Connors, **28**, 168, 1964.
- Topics Practicing Pharmacists Prefer on Refresher Programs**, C.L. Huyck, **24**, 185, 1960.
- Toronto, The Faculty of Pharmacy, University of**, G.C. Walker, **28**, 360, 1964.
- Toronto, Undergraduate Pharmacognosy Laboratory: A New System at**, S.K. Sim, **30**, 50, 1966.
- Toward Loyal Alumni (President's Section)**, P.A. Foote, **26**, 236, 1962.
- Transformation of Pharmacy into Pharmacology**, J.G. Adams, **28**, 663, 1964.
- Trends**
in Biological Education, K.H. Bush, **29**, 1, 1965.
in Graduate Education, D.D. McKean, **24**, 487, 1960.
in Hospital Pharmacy Education, E.M. Plein, **24**, 342, 1960.
- Tribute (A) to Robert Lee Swain**, anon., **28**, 281, 1964.
- Trimester Programs**, P.F. Jones, **25**, 425, 1961.
- Two Years in Thailand with the World Health Organization**, W.E. McConnell, **30**, 237, 1966.
- U**
- Undergraduate**
Course in Manufacturing Pharmacy
An Industrial Pharmacist's Viewpoint of What Should be Taught in the, P.W. Wilcox, **23**, 539, 1959.
Liquids, Semi-liquids, and Solids: The Organization of Didactic Material and Laboratory Instruction for the, D.L. Deardorff, **23**, 535, 1959.
Parenteral Products. The Organization of Didactic Material and Laboratory Instruction for the, K.E. Avis, **23**, 526, 1959.
Education, Effects of the Teachers' Seminars on, J.B. Sprowls, **24**, 509, 1960.
and Graduate Education in Pharmacy, Relationships Between, G.L. Jenkins, **24**, 501, 1960.
Pharmacognosy Laboratory: A New System at Toronto, S.K. Kim, **30**, 50, 1966.
Pharmacology, The Objectives of, G.V. Rossi, **28**, 669, 1964.
Pharmacy Students, An Insight into Hospital Pharmacy Practice for, P.J. Wurdack, **29**, 251, 1965.
Research Awards, Report of the Committee on, Louis Malspeis, **27**, 591, 1963; Louis Malspeis, **28**, 529, 1964; D.G. Wenzel, **29**, 403, 1965; D.P. Carew, **30**, 360, 1966.
Research Participation, Gerhard Levy and H.J. Schaeffer, **26**, 200, 1962.
Student Background Necessary to Achieve Depth in Pharmacognosy, L.R. Brady, **24**, 442, 1960.
Teaching
of Pharmaceutical Chemistry in France, André Archambault, **29**, 693, 1965.
of Pharmaceutical Chemistry in Great Britain, R.T. Coutts, **29**, 703, 1965.
- Undergraduates**
Career Decisions, of Pharmacy, R.A. Ohvall and R.W. Hammel, **27**, 81, 1963.
Career Decisions, The Geographic Variability of Pharmacy, R.A. Ohvall and R.W. Hammel, **28**, 29, 1964.

University

- of the Air, P.C.P. & S. and the, J.E. Kramer and L.F. Tice, **27**, 454, 1963.
- of Connecticut (The) Drug Stability Laboratory, H.G. Hewitt, **29**, 210, 1965.
- of Connecticut, The Use of Audio Equipment in the Dispensing Laboratory at the, N.W. Fenney, **27**, 463, 1963.
- of Iowa College of Pharmacy, S.M. Blaug and D.P. Carew, **28**, 307, 1964.
- of Kentucky, Prediction of Scholastic Achievement in Pharmacy at the, E.D. McDaniel and H.W. Stephenson, **24**, 162, 1960.
- of Nebraska, Pharmaceutical Technology at the, Witold Saski, **27**, 198, 1963.
- of Rhode Island, The Graduate Course in Biogenesis at the, D.P.N. Tsao, **27**, 226, 1963.
- of South Carolina School of Pharmacy, R.W. Morrison, **28**, 327, 1964.
- of Toronto
 - Faculty of Pharmacy, G.C. Walker, **28**, 360, 1964.
 - Greetings from, F.N. Hughes, **29**, 657, 1965.
- of Wisconsin, A Graduate Course in Pharmaceutical Research Techniques at the, K.A. Connors, **24**, 191, 1960.
- Uniformity (Is) of Curricula Necessary?**, O.E. Araujo, **29**, 545, 1965.
- University-Wide (The) Honors Program at Washington State University**, S.G. Hacker, **24**, 316, 1960.
- Up to Date, Keeping**, See Symposium, **24**, 447, 1960.
- Urdang, George, Memorial to**, Glenn Sonnedecker, **24**, 536, 1960.
- Use (The)**
 - and Abuse of Stereochemistry, J.B. Lapidus, **27**, 242, 1963.
 - of Audio Equipment in the Dispensing Laboratory at the University of Connecticut, N.W. Fenney, **27**, 463, 1963.
 - of Individual Student Field Projects in Teaching Pharmacy Administration, S.B. Jeffries, **21**, 426, 1957.
 - of Official Compendia, and Particularly the National Formulary, in the Pharmacy School Curriculum, E.G. Feldmann, **27**, 193, 1963.
 - of Pharmaceutical Extension in Developing the Case-Problem Method in Pharmacy Administration, R.G. Kedersha and J.L. Voigt, **21**, 149, 1957.

V

- Value of Foundations to Pharmaceutical Education**, L.E. Blauch, **22**, 139, 1958.
- Values**, H.S. McNeil, **23**, 255, 1959.
- Vice President, Address of the**
 - C.W. Bliven, **24**, 9, 1960; R.A. Bowers, **27**, 531, 1963; H.M. Burlage, **25**, 21, 1961; E.P. Claus, **30**, 311, 1966; P.A. Foote, **26**, 286, 1962; G.P. Hager, **29**, 372, 1965; J.F. McCloskey, **22**, 276, 1958; J.E. Orr, **28**, 487, 1964; L.M. Parks, **25**, 369, 1961; T.D. Rowe, **21**, 204, 1957.
- Visiting Baghdad as a Lecturer in Pharmacy (Faculty Forum)**, J.N. Bone, **28**, 413, 1964.

W

- Wall (The) Between Professional Practice and Pharmacy Education**, W.S. Apple, **27**, 537, 1963.
- Warp and Woof**
 - (The) of Pharmaceutical Chemistry and Pharmacognosy, A.H. Beckett and E.J. Shellard, **26**, 486, 1962.
 - (The) of Pharmacognosy and Pharmaceutical Chemistry, V.E. Tyler, Jr., **26**, 491, 1962.
- Washington State University, The University-Wide Honors Program at**, S.G. Hacker, **24**, 316, 1960.
- Weatherby, J.H., Memorial to**, W.E. Weaver, **27**, 643, 1963.
- West Germany, Studying Pharmacy in**, Glenn Sonnedecker, **22**, 169, 1958.
- West Virginia University, The School of Pharmacy, Medical Center**, J.L. Hayman, **24**, 135, 1960.
- What Constitutes Depth in any Discipline?**, M.R. Gibson, **24**, 435, 1960.
- What is Wrong with Pharmaceutical Education?**, A.N. Jorgensen, **21**, 1, 1957.
- What We Owe Pharmacy (Editorial)**, C.B. Granberg, **25**, 325, 1961.
- What's Dangerous to Pharmaceutical Education**, R.A. Lyman, Jr., **21**, 4, 1957.
- Whitney, H.A.K., Memorial to**, D.E. Francke, **22**, 245, 1958.
- Wilson, Stephen, Memorial to**, W.L. Blockstein, **28**, 130, 1964.

Wisconsin, University of, A Graduate Course in Pharmaceutical Research Techniques at, K.A. Connors, **24**, 191, 1960.

Wood, H.C., Jr., Memorial to, Ivor Griffith, **22**, 532, 1958.

Workshop Reports, Summary of, D.H. Murray, **29**, 794, 1965.

World Health Organization, Two Years in Thailand with the, W.E. McConnell, **30**, 237, 1966.

Y

Year (The) of Apprenticeship: Its Use and Misuse, V.J. Brown, **26**, 39, 1962.

Years of Service by Full-time Administrators and Teachers 1961-1962 (Addendum B of 1961 Minutes of the Interim Meeting), **26**, 115, 1962.

Youngken, H.W., Sr.

Memorial to, J.T. Fay, Jr., **27**, 643, 1963. (1885-1963), A Tribute to the Memory of, J.H. Hoch, **29**, 161, 1965.

Yugoslavia, Impressions of a Mission to Lebanon and, G. Valette, **22**, 62, 1958.

Z

Zopf, Louis C. (President): A Biographical Sketch, M.R. Gibson, **22**, 399, 1958.

